System i and System p

Initial server setup

System i and System p

Initial server setup

Note

Before using this information and the product it supports, read the information in "Notices" on page 63 and the *IBM Systems Safety Information* manual, G229-9054.

Twelfth Edition (September 2007)

© Copyright International Business Machines Corporation 2004, 2007.
US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Contents

Safety and environmental notices . . . . . **v**

About this publication . . . . . **ix**

Initial server setup **1**
PDF files for Initial server setup 1
Using predefined initial server setup checklists 3
Related information for Initial server setup 58

Appendix. Accessibility features. **61**

Notices **63**
Trademarks 64
Electronic emission notices 65
Class A Notices 65
Class B Notices 68
Terms and conditions 70

© Copyright IBM Corp. 2004, 2007

Safety and environmental notices

Safety notices may be printed throughout this guide:

- **DANGER** notices call attention to a situation that is potentially lethal or extremely hazardous to people.
- **CAUTION** notices call attention to a situation that is potentially hazardous to people because of some existing condition.
- **Attention** notices call attention to the possibility of damage to a program, device, system, or data.

World Trade safety information

Several countries require the safety information contained in product publications to be presented in their national languages. If this requirement applies to your country, a safety information booklet is included in the publications package shipped with the product. The booklet contains the safety information in your national language with references to the U.S. English source. Before using a U.S. English publication to install, operate, or service this product, you must first become familiar with the related safety information in the booklet. You should also refer to the booklet any time you do not clearly understand any safety information in the U.S. English publications.

Laser safety information

IBM® System i® models and System p® servers can use I/O cards or features that are fiber-optic based and that utilize lasers or LEDs.

Laser compliance

All lasers are certified in the U.S. to conform to the requirements of DHHS 21 CFR Subchapter J for class 1 laser products. Outside the U.S., they are certified to be in compliance with IEC 60825 as a class 1 laser product. Consult the label on each part for laser certification numbers and approval information.

CAUTION:
This product might contain one or more of the following devices: CD-ROM drive, DVD-ROM drive, DVD-RAM drive, or laser module, which are Class 1 laser products. Note the following information:

- **Do not remove the covers. Removing the covers of the laser product could result in exposure to hazardous laser radiation. There are no serviceable parts inside the device.**
- **Use of the controls or adjustments or performance of procedures other than those specified herein might result in hazardous radiation exposure.**

(C026)

CAUTION:
Data processing environments can contain equipment transmitting on system links with laser modules that operate at greater than Class 1 power levels. For this reason, never look into the end of an optical fiber cable or open receptacle. (C027)

CAUTION:
This product contains a Class 1M laser. Do not view directly with optical instruments. (C028)

CAUTION:
Some laser products contain an embedded Class 3A or Class 3B laser diode. Note the following information: laser radiation when open. Do not stare into the beam, do not view directly with optical instruments, and avoid direct exposure to the beam. (C030)

© Copyright IBM Corp. 2004, 2007

Power and cabling information for NEBS (Network Equipment-Building System) GR-1089-CORE

The following comments apply to the IBM System i models and IBM System p servers that have been designated as conforming to NEBS (Network Equipment-Building System) GR-1089-CORE:

The equipment is suitable for installation in the following:

- Network telecommunications facilities
- Locations where the NEC (National Electrical Code) applies

The intrabuilding ports of this equipment are suitable for connection to intrabuilding or unexposed wiring or cabling only. The intrabuilding ports of this equipment *must not* be metallically connected to the interfaces that connect to the OSP (outside plant) or its wiring. These interfaces are designed for use as intrabuilding interfaces only (Type 2 or Type 4 ports as described in GR-1089-CORE) and require isolation from the exposed OSP cabling. The addition of primary protectors is not sufficient protection to connect these interfaces metallically to OSP wiring.

Note: All Ethernet cables must be shielded and grounded at both ends.

The ac-powered system does not require the use of an external surge protection device (SPD).

The dc-powered system employs an isolated DC return (DC-I) design. The DC battery return terminal *shall not* be connected to the chassis or frame ground.

Product recycling and disposal

This unit must be recycled or discarded according to applicable local and national regulations. IBM encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. IBM offers a variety of product return programs and services in several countries to assist equipment owners in recycling their IT products. Information on IBM product recycling offerings can be found on IBM's Internet site at http://www.ibm.com/ibm/environment/products/prp.shtml.

Esta unidad debe reciclarse o desecharse de acuerdo con lo establecido en la normativa nacional o local aplicable. IBM recomienda a los propietarios de equipos de tecnología de la información (TI) que reciclen responsablemente sus equipos cuando éstos ya no les sean útiles. IBM dispone de una serie de programas y servicios de devolución de productos en varios países, a fin de ayudar a los propietarios de equipos a reciclar sus productos de TI. Se puede encontrar información sobre las ofertas de reciclado de productos de IBM en el sitio web de IBM http://www.ibm.com/ibm/environment/products/prp.shtml.

EU Only

Note: This mark applies only to countries within the European Union (EU) and Norway.

Appliances are labeled in accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment (WEEE). The Directive determines the framework for the return and recycling of used appliances as applicable throughout the European Union. This label is applied to various products to indicate that the product is not to be thrown away, but rather reclaimed upon end of life per this Directive.

In accordance with the European WEEE Directive, electrical and electronic equipment (EEE) is to be collected separately and to be reused, recycled, or recovered at end of life. Users of EEE with the WEEE marking per Annex IV of the WEEE Directive, as shown above, must not dispose of end of life EEE as unsorted municipal waste, but use the collection framework available to customers for the return, recycling, and recovery of WEEE. Customer participation is important to minimize any potential effects of EEE on the environment and human health due to the potential presence of hazardous substances in EEE. For proper collection and treatment, contact your local IBM representative.

Battery return program

This product may contain sealed lead acid, nickel cadmium, nickel metal hydride, lithium, or lithium ion battery. Consult your user manual or service manual for specific battery information. The battery must be recycled or disposed of properly. Recycling facilities may not be available in your area. For information on disposal of batteries outside the United States, go to http://www.ibm.com/ibm/environment/products/batteryrecycle.shtml or contact your local waste disposal facility.

In the United States, IBM has established a return process for reuse, recycling, or proper disposal of used IBM sealed lead acid, nickel cadmium, nickel metal hydride, and other battery packs from IBM Equipment. For information on proper disposal of these batteries, contact IBM at 1-800-426-4333. Please have the IBM part number listed on the battery available prior to your call.

For Taiwan: Please recycle batteries.

For the European Union:

Note: This mark applies only to countries within the European Union (EU).

Batteries or packaging for batteries are labeled in accordance with European Directive 2006/66/EC concerning batteries and accumulators and waste batteries and accumulators. The Directive determines the framework for the return and recycling of used batteries and accumulators as applicable throughout the European Union. This label is applied to various batteries to indicate that the battery is not to be thrown away, but rather reclaimed upon end of life per this Directive.

In accordance with the European Directive 2006/66/EC, batteries and accumulators are labeled to indicate that they are to be collected separately and recycled at end of life. The label on the battery may also include a chemical symbol for the metal concerned in the battery (Pb for lead, Hg for mercury and Cd for cadmium). Users of batteries and accumulators must not dispose of batteries and accumulators as unsorted municipal waste, but use the collection framework available to customers for the return, recycling, and treatment of batteries and accumulators. Customer participation is important to minimize any potential effects of batteries and accumulators on the environment and human health due to the potential presence of hazardous substances. For proper collection and treatment, contact your local IBM representative.

For California: Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

The foregoing notice is provided in accordance with California Code of Regulations Title 22, Division 4.5 Chapter 33. Best Management Practices for Perchlorate Materials. This product/part may include a lithium manganese dioxide battery which contains a perchlorate substance.

IBM Cryptographic Coprocessor Card Return Program

The following information applies only for systems originally sold prior to July 1, 2006:

This machine may contain an optional feature, the cryptographic coprocessor card, which includes a polyurethane material that contains mercury. Please follow local ordinances or regulations for disposal of this card. IBM has established a return program for certain IBM Cryptographic Coprocessor Cards. More information can be found at http://www.ibm.com/ibm/environment/products/prp.shtml.

About this publication

This topic provides users with an end-to-end setup checklist that can be used throughout the entire initial setup process for the server.

For information about the accessibility features of this product, for users who have a physical disability, see “Accessibility features,” on page 61.

© Copyright IBM Corp. 2004, 2007

Initial server setup

Create your own end-to-end setup checklist to initially set up your server. The checklist is intended to ensure that the system is capable of starting and that it is functional before you perform more complex and custom configurations.

- Hardware: Rack, expansion unit, and cabling it all together
- Console or interface: Hardware Management Console (HMC), Advanced System Management Interface, Integrated Virtualization Manager, Virtual Partition Manager, Operations Console, Thin Console, or twinaxial console
- Operating environments and logical partitions: AIX®, Linux®, i5/OS®, and Virtual I/O Server
- Service and support: Operating environment or HMC connection

If you have a System p server and plan to upgrade your server, see Upgrades and complete the required upgrade tasks. If you have a System i server and plan to upgrade your server or migrate data, see Migrating or upgrading your server and complete the required upgrade or migration tasks. If you have a POWER6™ server, see the Support for IBM Systems Web site at http://www.ibm.com/systems/support/. If you have a model 6*xx* server, see the IBM System p and AIX Information Center Web site at http://publib.boulder.ibm.com/infocenter/pseries. If you have a model 8*xx* server, see the IBM i5/OS Information Center Web site at http://publib.boulder.ibm.com/iseries/.

Attention: The SCSI Adapter for External Media Devices (2768) feature is *not* supported in any IBM System i5® and eServer™ i5 models (system unit or expansion unit). Damage to the server hardware might occur if the 2768 feature is installed.

Note: If you are attaching a model 5786 or 5787 disk-drive enclosure to your system, specific cabling instructions are needed. For more information, see Expansion units.

PDF files for Initial server setup

You can view and print a PDF file of this information.

To view or download the PDF version of this document, select Initial server setup (about 1800 KB).

You can view or download these related PDFs:

Quick start guides

- Quick start guide for the rack-mounted HMC
- Quick start guide for the stand-alone HMC
- Quick start guide for IBM System i5 520, 525, and 515
- Quick start guide for IBM System p5® 185
- Quick start guide for IBM System p5 505
- Quick start guide for IBM System p5 510
- Quick start guide for IBM System p5 520

© Copyright IBM Corp. 2004, 2007

- Quick start guide for IBM System p5 550 and 550Q
- Quick start guide for IntelliStation® POWER™ 185
- Quick start guide for IntelliStation POWER 285
- Quick start guide for IBM eServer i5 520
- Quick start guide for IBM eServer p5 510
- Quick start guide for IBM eServer p5 520
- Quick start guide for IBM eServer OpenPower® 710

Setup instructions

Setup instructions

Installing hardware

Installing the rack, rack features, and system or expansion unit into a rack (about 14000 KB)

Cabling

Cabling your server (about 20000 KB)

Installing software

- Installing AIX
- Installing Linux (about 600 KB)
- Install, upgrade, or delete i5/OS and related software (about 2500 KB)

Consoles

- Managing the Advanced System Management Interface (ASMI) (about 1200 KB)
- Managing the Hardware Management Console (HMC) (about 4000 KB)
- Managing the Integrated Virtualization Manager (about 400KB)
- Managing Operations Console (about 2000 KB)
- Managing the Thin Console (about 600 KB)
- Managing the twinaxial console (about 800 KB)
- Virtual Partition Manager: A Guide to Planning and Implementation

Logical partitions

- Partitioning for AIX with an HMC (about 3000 KB)
- Partitioning for i5/OS with an HMC (about 4000 KB)
- Partitioning for Linux with an HMC (about 2500 KB)
- Partitioning with the Integrated Virtualization Manager (about 450 KB)
- Using the Virtual I/O Server (about 2100 KB)

Other

- Customer service, support, and troubleshooting (about 7300 KB)
- Capacity on Demand (about 9000 KB)
- Creating a virtual computing environment (about 600 KB)

Saving PDF files

To save a PDF on your workstation for viewing or printing:

1. Right-click the PDF link in your browser.
2. Click the option that saves the PDF locally.
3. Navigate to the directory in which you want to save the PDF.
4. Click **Save**.

Downloading Adobe Reader

You need Adobe Reader installed on your system to view or print these PDFs. You can download a free copy from the Adobe Web site (www.adobe.com/products/acrobat/readstep2.html) .

Using predefined initial server setup checklists

If you are unable to create a customized setup checklist, then select the predefined checklist that best fits your needs.

	With logical partitions	Without logical partitions
IBM System i models		9405-520
	9406-520	9406-520
	9406-525	9406-525
	9406-550	9406-550
	9406-570	9406-570
	9406-595	
	9406-MMA	9406-MMA
	9407-515	9407-515

	With logical partitions	Without logical partitions
IBM System p models		7037-A50
	9110-51A	9110-51A
	9110-510	9110-510
	9111-520	9111-520
	9113-550	9113-550
	9115-505	9115-505
	9116-561	9116-561
	9117-570	9117-570
	9117-MMA	9117-MMA
	9118-575	
	9119-590	
	9119-595	
	9131-52A	9131-52A
	9133-55A	9133-55A
IBM IntelliStation POWER		7047-185
	9111-285	9111-285
IBM eServer OpenPower	710	710
	720	720

Predefined setup checklist for model 9405-520 without logical partitions

Use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System i5 520, 525, and 515 or Quick start guide for IBM eServer i5 520 that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Cable your server
2. Access the ASMI.
3. Complete the setup of a console.
   __ If you are using the Thin Console, the hardware setup is complete. You can skip to step 4.
   __ Set up the twinaxial console.

Printable PDFs

Cabling your server

Managing the ASMI

Managing the Thin Console

Managing the twinaxial console

Initial server setup checklist	Printable PDFs
4. If not already installed, install i5/OS.	Install, upgrade, or delete i5/OS and related software
5. Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-520 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Virtual Partition Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System i5 520, 525, and 515 or Quick start guide for IBM eServer i5 520 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Select the method you will use to create logical partitions.	
• HMC	
__ Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
__ Prepare for HMC configuration.	Managing the HMC
__ Configure the HMC using the Guided Setup wizard.	Managing the HMC
__ Select the appropriate option to create logical partitions.	

Initial server setup checklist

Printable PDFs

- Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
- Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Partitioning for i5/OS with an HMC

- Virtual Partition Manager
  - __ Cable your server.

    Attention: Do not connect the server to a power source.
  - __ Create logical partitions with the Virtual Partition Manager.

Cabling your server

Virtual Partition Manager: A Guide to Planning and Implementation.

3. Select one or more operating environments to install.

   Note: If you are partitioning your server with the Virtual Partition Manager, you must install both the i5/OS and Linux operating systems; AIX is not supported at this time.
   - AIX
     - __ Install AIX or

       Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .

     Installing AIX
   - i5/OS
     - __ Install i5/OS.

     Install, upgrade, or delete i5/OS and related software
   - Linux
     - __ Install Linux.

     Installing Linux
   - Virtual I/O Server
     - __ Install the Virtual I/O Server.

     Using the Virtual I/O Server
4. Set up your server to connect to service and support.

   Customer service, support, and troubleshooting
5. Obtain updates and upgrades.
   - __ Obtain HMC machine code updates and upgrades.

     Customer service, support, and troubleshooting
   - __ Obtain firmware updates.

     Customer service, support, and troubleshooting
   - __ Obtain operating system updates.

     Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-520 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System i5 520, 525, and 515 that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Cable your server.

   Attention: Do not connect the server to a power source.
3. If not already installed, install i5/OS.
4. Access the ASMI.
5. Complete the setup of one of the following consoles:
   Note: If you are using the Thin Console, you can skip to step 6.

   __ Set up Operations Console.

   __ Set up the twinaxial console.
6. Obtain operating system updates.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Install, upgrade, or delete i5/OS and related software

Managing the ASMI

Managing the Thin Console

Managing Operations Console

Managing the twinaxial console

Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-525 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Virtual Partition Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System i5 520, 525, and 515 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     __ Cable your server.

     Attention: Do not connect the server to a power source.
     __ Prepare for HMC configuration.

     __ Configure the HMC using the Guided Setup wizard.

     __ Select the appropriate option to create logical partitions.
     - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
     - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

   - Virtual Partition Manager
     __ Cable your server.

     Attention: Do not connect the server to a power source.
     __ Create logical partitions with the Virtual Partition Manager.
3. Select one or more operating environments to install.

   Note: If you are partitioning your server with the Virtual Partition Manager, you must install both the i5/OS and Linux operating systems; AIX is not supported at this time.
   - AIX

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Partitioning for i5/OS with an HMC

Cabling your server

Virtual Partition Manager: A Guide to Planning and Implementation.

Initial server setup checklist	Printable PDFs
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• i5/OS __ Install i5/OS.	Install, upgrade, or delete i5/OS and related software
• Linux __ Install Linux.	Installing Linux
• Virtual I/O Server __ Install the Virtual I/O Server.	Using the Virtual I/O Server
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-525 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System i5 520, 525, and 515 that came with your server.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Cable your server.

   Attention: Do not connect the server to a power source.
3. If not already installed, install i5/OS.
4. Access the ASMI.
5. Complete the setup of one of the following consoles:
   Note: If you are using the Thin Console, you can skip to step 6.

   __ Set up Operations Console.

   __ Set up the twinaxial console.
6. Obtain operating system updates.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Install, upgrade, or delete i5/OS and related software

Managing the ASMI

Managing the Thin Console

Managing Operations Console

Managing the twinaxial console

Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-550 with logical partitions

If you plan to configure logical partitions, install the server into a rack, enable Capacity on Demand, use the Virtual Partition Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist

1. Select the method you will use to create logical partitions.
   - HMC

Printable PDFs

Initial server setup checklist

Printable PDFs

__ Cable the HMC.

__ Prepare for HMC configuration.

Managing the HMC

__ Configure the HMC using the Guided Setup wizard.
Note: Only complete the steps up to ″After you have completed the Guided Setup wizard″ at this time. Some of this section will be completed by your service provider.

Managing the HMC

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.

Managing the HMC

__ Return to Configure the HMC using the Guided Setup wizard and complete the section, “After you have completed the Guided Setup wizard.”

Managing the HMC

__ Select the appropriate option to create logical partitions.

- Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).

Partitioning for AIX with an HMC

- Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

Partitioning for Linux with an HMC

Partitioning for i5/OS with an HMC

- Virtual Partition Manager

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring service connections.

__ Access the ASMI.

Managing the ASMI

__ Create logical partitions with the Virtual Partition Manager.

Virtual Partition Manager: A Guide to Planning and Implementation.

2. Select one or more operating environments to install.
Note: If you are partitioning your server with the Virtual Partition Manager, you must install both the i5/OS and Linux operating systems; AIX is not supported at this time.

- AIX

__ Install AIX or

Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .

Installing AIX

- i5/OS

__ Install i5/OS.

Install, upgrade, or delete i5/OS and related software

- Linux

__ Install Linux.

Installing Linux

- Virtual I/O Server

__ Install the Virtual I/O Server.

Using the Virtual I/O Server

3. Set up your server to connect to service and support.

Customer service, support, and troubleshooting

Initial server setup checklist	Printable PDFs
4. Obtain updates and upgrades.	
__ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting
5. (Optional) Capacity on Demand.	Capacity on Demand

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-550 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring service connections.

Initial server setup checklist	Printable PDFs
1. If not already installed, install i5/OS.	Install, upgrade, or delete i5/OS and related software
2. Access the ASMI.	Managing the ASMI
3. Set up one of the following consoles:	
__ Set up Operations Console.	Managing Operations Console
__ Cable the Thin Console.	Cabling your server
__ Set up the twinaxial console.	Managing the twinaxial console
4. Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-570 with logical partitions

If you plan to configure logical partitions, install the server into a rack, enable Capacity on Demand, use the Virtual Partition Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist

Printable PDFs

1. Select the method you will use to create logical partitions.
   - HMC
     - __ Cable the HMC.
     - __ Prepare for HMC configuration.
     - __ Configure the HMC using the Guided Setup wizard. **Note:** Only complete the steps up to ″After you have completed the Guided Setup wizard″ at this time. Some of this section will be completed by your service provider.
     - __ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.
     - __ Return to Configure the HMC using the Guided Setup wizard and complete the section, “After you have completed the Guided Setup wizard.”
     - __ Select the appropriate option to create logical partitions.
       - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
       - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

     Managing the HMC

     Managing the HMC

     Managing the HMC

     Managing the HMC

     Partitioning for AIX with an HMC

     Partitioning for Linux with an HMC

     Partitioning for i5/OS with an HMC
   - Virtual Partition Manager

Initial server setup checklist	Printable PDFs
__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring service connections.	
__ Access the ASMI.	Managing the ASMI
__ Create logical partitions with the Virtual Partition Manager.	Virtual Partition Manager: A Guide to Planning and Implementation.
2. Select one or more operating environments to install. **Note:** If you are partitioning your server with the Virtual Partition Manager, you must install both the i5/OS and Linux operating systems; AIX is not supported at this time.	
• AIX	
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• i5/OS	
__ Install i5/OS.	Install, upgrade, or delete i5/OS and related software
• Linux	
__ Install Linux.	Installing Linux
• Virtual I/O Server	
__ Install the Virtual I/O Server.	Using the Virtual I/O Server
3. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
4. Obtain updates and upgrades.	
__ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting
5. (Optional) Capacity on Demand.	Capacity on Demand

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-570 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring service connections.

Initial server setup checklist

1. If not already installed, install i5/OS.
2. Access the ASMI.
3. Set up one of the following consoles:
   __ Set up Operations Console.
   __ Set up the twinaxial console.
4. Obtain operating system updates.

Printable PDFs

Install, upgrade, or delete i5/OS and related software

Managing the ASMI

Managing Operations Console

Managing the twinaxial console

Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9406-595 with logical partitions

If you plan to configure logical partitions, install the server into a rack, enable Capacity on Demand, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist	Printable PDFs
1. Cable the HMC.	Managing the HMC
2. Prepare for HMC configuration.	Managing the HMC
3. Configure the HMC using the Guided Setup wizard. **Note:** Only complete the steps up to "After you have completed the Guided Setup wizard" at this time. Some of this section will be completed by your service provider.	Managing the HMC
4. Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.	
5. Return to Configure the HMC using the Guided Setup wizard and complete the section, "After you have completed the Guided Setup wizard."	Managing the HMC
6. Select the appropriate option to create logical partitions. • Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7). • Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)	Partitioning for AIX with an HMC Partitioning for Linux with an HMC Partitioning for i5/OS with an HMC
7. Select one or more operating environments to install: • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• i5/OS __ Install i5/OS.	Install, upgrade, or delete i5/OS and related software
• Linux __ Install Linux.	Installing Linux
• Virtual I/O Server __ Install the Virtual I/O Server.	Using the Virtual I/O Server
8. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
9. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting
10. (Optional) Capacity on Demand.	Capacity on Demand

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9407-515 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Virtual Partition Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System i5 520, 525, and 515 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     __ Cable your server.

     Attention: Do not connect the server to a power source.
     __ Prepare for HMC configuration.
     __ Configure the HMC using the Guided Setup wizard.
     __ Enter the activation code for Advanced POWER Virtualization using the HMC version 7 or Enter the activation code for Advanced POWER Virtualization using the HMC version 6
     __ Select the appropriate option to create logical partitions.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Using the Virtual I/O Server

Initial server setup checklist

Printable PDFs

- Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
- Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Partitioning for i5/OS with an HMC

- Virtual Partition Manager
  - __ Cable your server.

    Attention: Do not connect the server to a power source.

    Cabling your server
  - __ Activate Capacity on Demand or Advanced POWER Virtualization

    Managing your server using Advanced System Management Interface
  - __ Create logical partitions with the Virtual Partition Manager.

    Virtual Partition Manager: A Guide to Planning and Implementation.

3. Select one or more operating environments to install.

   Note: If you are partitioning your server with the Virtual Partition Manager, you must install both the i5/OS and Linux operating systems; AIX is not supported at this time.

   - AIX
     - __ Install AIX or

       Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .

       Installing AIX
   - i5/OS
     - __ Install i5/OS.

       Install, upgrade, or delete i5/OS and related software
   - Linux
     - __ Install Linux.

       Installing Linux
   - Virtual I/O Server
     - __ Install the Virtual I/O Server.

       Using the Virtual I/O Server
4. Set up your server to connect to service and support.

   Customer service, support, and troubleshooting
5. Obtain updates and upgrades.
   - __ Obtain HMC machine code updates and upgrades.

     Customer service, support, and troubleshooting
   - __ Obtain firmware updates.

     Customer service, support, and troubleshooting
   - __ Obtain operating system updates.

     Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9407-515 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System i5 520, 525, and 515 that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Cable your server.

   Attention: Do not connect the server to a power source.
3. If not already installed, install i5/OS.
4. Access the ASMI.
5. Complete the setup of one of the following consoles:
   __ **Note:** If you are using the Thin Console, you can skip to step 6.
   __ Set up Operations Console.
   __ Set up the twinaxial console.
6. Obtain operating system updates.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Install, upgrade, or delete i5/OS and related software

Managing the ASMI

Managing the Thin Console

Managing Operations Console

Managing the twinaxial console

Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 7037-A50 without logical partitions

Use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 185 that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	**Printable PDFs**
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
3. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux.	Installing AIX Installing Linux
4. Set up a 7037-A50 or a 7047-185 system to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates. __ Obtain server firmware updates for a 7037-A50 or 7047-185 system. __ Obtain operating system updates.	Customer service, support, and troubleshooting Customer service, support, and troubleshooting

Predefined setup checklist for model 9110-51A with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 510 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     __ Cable your server.

     Attention: Do not connect the server to a power source.
     __ Prepare for HMC configuration.

     __ Configure the HMC using the Guided Setup wizard.

     __ Select the appropriate option to create logical partitions.
     - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
     - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)
   - Integrated Virtualization Manager
     __ Cable your server.

     Attention: Do not connect the server to a power source.
     __ Enter the activation code for Advanced POWER Virtualization.

     __ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.

     __ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.
     __ If you are using a system plan to create logical partitions, deploy a system plan.
3. Select one or more operating environments to install.
   - AIX

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Cabling your server

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Initial server setup checklist	Printable PDFs
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux __ Install Linux.	Installing Linux
• Virtual I/O Server __ Install the Virtual I/O Server.	Using the Virtual I/O Server
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9110-51A without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 510 that came with your server.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack

Initial server setup checklist	Printable PDFs
2. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
3. Select the operating system that will run on your server.	
• AIX	
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux	
__ Install Linux.	Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates.	
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9110-510 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM eServer p5 510 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     - __ Cable your server.

       Attention: Do not connect the server to a power source.
     - __ Prepare for HMC configuration.
     - __ Configure the HMC using the Guided Setup wizard.
     - __ Select the appropriate option to create logical partitions.
       - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
       - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)
   - Integrated Virtualization Manager
     - __ Cable your server

       Attention: Do not connect the server to a power source.
     - __ Enter the activation code for Advanced POWER Virtualization.
     - __ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.
     - __ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.
     - __ If you are using a system plan to create logical partitions, deploy a system plan.
3. Select one or more operating environments to install.
   - AIX
     - __ Install AIX or

       Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .
   - Linux
     - __ Install Linux.
   - Virtual I/O Server
     - __ Install the Virtual I/O Server.
4. Set up your server to connect to service and support.
5. Obtain updates and upgrades.
   - __ Obtain HMC machine code updates and upgrades.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Cabling your server

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Installing AIX

Installing Linux

Using the Virtual I/O Server

Customer service, support, and troubleshooting

Customer service, support, and troubleshooting

Initial server setup checklist	Printable PDFs
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9110-510 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM eServer p5 510 that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
3. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux __ Install Linux.	Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates.	

Initial server setup checklist

__ Obtain firmware updates.

Printable PDFs

Customer service, support, and troubleshooting

__ Obtain operating system updates.

Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9111-520 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the Hardware Management Console (HMC), contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM eServer p5 520 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     __ Cable your server

     Attention: Do not connect the server to a power source.

     __ Prepare for HMC configuration.

     __ Configure the HMC using the Guided Setup wizard.

     __ Select the appropriate option to create logical partitions.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Initial server setup checklist

Printable PDFs

- Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
- Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

- Integrated Virtualization Manager
  - __ Cable your server

    Attention: Do not connect the server to a power source.

    Cabling your server
  - __ Enter the activation code for Advanced POWER Virtualization.

    Managing the Integrated Virtualization Manager
  - __ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.

    Managing the Integrated Virtualization Manager
  - __ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.

    Managing the Integrated Virtualization Manager
  - __ If you are using a system plan to create logical partitions, deploy a system plan.

    Managing the Integrated Virtualization Manager

3. Select one or more operating environments to install.
   - AIX
     - __ Install AIX or

       Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .

       Installing AIX
   - Linux
     - __ Install Linux.

       Installing Linux
   - Virtual I/O Server
     - __ Install the Virtual I/O Server.

       Using the Virtual I/O Server
4. Set up your server to connect to service and support.

   Customer service, support, and troubleshooting
5. Obtain updates and upgrades.
   - __ Obtain HMC machine code updates and upgrades.

     Customer service, support, and troubleshooting
   - __ Obtain firmware updates.

     Customer service, support, and troubleshooting
   - __ Obtain operating system updates.

     Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9111-520 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM eServer p5 520 that came with your server.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	**Printable PDFs**
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Cable your server **Attention:** Do not connect the server to a power source.	Cabling your server
3. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux.	Installing AIX Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates. __ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9113-550 with logical partitions

If you plan to configure logical partitions, install the server into a rack, enable Capacity on Demand, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the Hardware Management Console (HMC), contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 550 and p5 550Q that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     - __ Cable your server.

       Attention: Do not connect the server to a power source.
     - __ Prepare for HMC configuration.
     - __ Configure the HMC using the Guided Setup wizard.
     - __ Select the appropriate option to create logical partitions.
       - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
       - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)
   - Integrated Virtualization Manager
     - __ Cable your server.

       Attention: Do not connect the server to a power source.
     - __ Enter the activation code for Advanced POWER Virtualization.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Cabling your server

Managing the Integrated Virtualization Manager

Initial server setup checklist	Printable PDFs
__ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.	Managing the Integrated Virtualization Manager
__ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.	Managing the Integrated Virtualization Manager
__ If you are using a system plan to create logical partitions, deploy a system plan.	Managing the Integrated Virtualization Manager
3. Select one or more operating environments to install.	
• AIX	
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux	
__ Install Linux.	Installing Linux
• Virtual I/O Server	
__ Install the Virtual I/O Server.	Using the Virtual I/O Server
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates and upgrades.	
__ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting
6. (Optional) Capacity on Demand.	Capacity on Demand

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9113-550 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

Before you begin

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 550 and p5 550Q that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
3. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux.	Installing AIX Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates. __ Obtain firmware updates. __ Obtain operating system updates.	Customer service, support, and troubleshooting Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9115-505 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 505 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     __ Cable your server.

     Attention: Do not connect the server to a power source.

     __ Prepare for HMC configuration.

     __ Configure the HMC using the Guided Setup wizard.

     __ Select the appropriate option to create logical partitions.
     - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
     - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)
   - Integrated Virtualization Manager
     __ Cable your server.

     Attention: Do not connect the server to a power source.

     __ Enter the activation code for Advanced POWER Virtualization.

     __ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.

     __ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.

     __ If you are using a system plan to create logical partitions, deploy a system plan.
3. Select one or more operating environments to install.
   - AIX

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Cabling your server

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Initial server setup checklist	Printable PDFs
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux. • Virtual I/O Server __ Install the Virtual I/O Server.	Installing AIX Installing Linux Using the Virtual I/O Server
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades. __ Obtain firmware updates. __ Obtain operating system updates.	Customer service, support, and troubleshooting Customer service, support, and troubleshooting Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9115-505 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 505 that came with your server.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack

Initial server setup checklist | **Printable PDFs**

2. Cable your server. | Cabling your server

   Attention: Do not connect the server to a power source.
3. Select the operating system that will run on your server.
   - AIX
     __ Install AIX or

     Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . | Installing AIX
   - Linux
     __ Install Linux. | Installing Linux
4. Set up your server to connect to service and support. | Customer service, support, and troubleshooting
5. Obtain updates.
   __ Obtain firmware updates. | Customer service, support, and troubleshooting
   __ Obtain operating system updates. | Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9116-561 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist | **Printable PDFs**

1. Select the method you will use to create logical partitions.
   - HMC

Initial server setup checklist

Printable PDFs

__ Cable the HMC.

__ Prepare for HMC configuration.

Managing the HMC

__ Configure the HMC using the Guided Setup wizard.
Note: Only complete the steps up to "After you have completed the Guided Setup wizard" at this time. Some of this section will be completed by your service provider.

Managing the HMC

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.

Managing the HMC

__ Return to Configure the HMC using the Guided Setup wizard and complete the section, "After you have completed the Guided Setup wizard."

Managing the HMC

__ Select the appropriate option to create logical partitions.

- Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).

Partitioning for AIX with an HMC

- Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

Partitioning for Linux with an HMC

- Integrated Virtualization Manager

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring service connections.

__ Enter the activation code for Advanced POWER Virtualization.

Managing the Integrated Virtualization Manager

__ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.

Managing the Integrated Virtualization Manager

__ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.

Managing the Integrated Virtualization Manager

__ If you are using a system plan to create logical partitions, deploy a system plan.

Managing the Integrated Virtualization Manager

2. Select one or more operating environments to install.
   - AIX
     __ Install AIX or

     Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in

     Installing AIX .

     Installing AIX
   - Linux
     __ Install Linux.

     Installing Linux
   - Virtual I/O Server
     __ Install the Virtual I/O Server.

     Using the Virtual I/O Server
3. Set up your server to connect to service and support.

   Customer service, support, and troubleshooting
4. Obtain updates and upgrades.

Initial server setup checklist	Printable PDFs
__ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9116-561 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring service connections.

Initial server setup checklist	Printable PDFs
1. Access the ASMI.	Managing the ASMI
2. Select the operating system that will run on your server.	
• AIX	
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux	
__ Install Linux.	Installing Linux
3. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
4. Obtain updates.	

Initial server setup checklist	Printable PDFs
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9117-570 with logical partitions

If you plan to configure logical partitions, install the server into a rack, enable Capacity on Demand, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ For i5/OS to be installed on this model server, the 9411-100 I/O subsystem is required.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist	Printable PDFs
1. Cable the HMC.	Managing the HMC
2. Prepare for HMC configuration.	Managing the HMC
3. Configure the HMC using the Guided Setup wizard. **Note:** Only complete the steps up to "After you have completed the Guided Setup wizard" at this time. Some of this section will be completed by your service provider.	Managing the HMC
4. Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, setting up the 9411-100, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.	
5. Return to Configure the HMC using the Guided Setup wizard and complete the section, "After you have completed the Guided Setup wizard."	Managing the HMC
6. Select the appropriate option to create logical partitions.	

Initial server setup checklist	Printable PDFs
• Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).	Partitioning for AIX with an HMC
• Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)	Partitioning for Linux with an HMC
	Partitioning for i5/OS with an HMC
7. Select one or more operating environments to install.	
• AIX	
__ Install AIX or	
Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in	Installing AIX
Installing AIX .	
• i5/OS	
__ Install i5/OS.	Install, upgrade, or delete i5/OS and related software
• Linux	
__ Install Linux.	Installing Linux
• Virtual I/O Server	
__ Install the Virtual I/O Server.	Using the Virtual I/O Server
8. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
9. Obtain updates and upgrades.	
__ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting
10. (Optional) Capacity on Demand.	Capacity on Demand

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9117-570 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring service connections.

Initial server setup checklist	**Printable PDFs**
1. Access the ASMI.	Managing the ASMI
2. Select the operating system that will run on your server.	
• AIX	
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux	
__ Install Linux.	Installing Linux
3. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
4. Obtain updates.	
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9118-575 with logical partitions

If you plan to configure logical partitions, install the server into a rack, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

Before you begin

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist	Printable PDFs
1. Cable the HMC.	Managing the HMC
2. Prepare for HMC configuration.	Managing the HMC
3. Configure the HMC using the Guided Setup wizard. **Note:** Only complete the steps up to "After you have completed the Guided Setup wizard" at this time. Some of this section will be completed by your service provider.	Managing the HMC
4. Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.	
5. Return to Configure the HMC using the Guided Setup wizard and complete the section, "After you have completed the Guided Setup wizard."	Managing the HMC
6. Select the appropriate option to create logical partitions. • Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7). • Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)	Partitioning for AIX with an HMC Partitioning for Linux with an HMC
7. Select one or more operating environments to install. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux. • Virtual I/O Server __ Install the Virtual I/O Server.	Installing AIX Installing Linux Using the Virtual I/O Server
8. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
9. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades. __ Obtain firmware updates. __ Obtain operating system updates.	Customer service, support, and troubleshooting Customer service, support, and troubleshooting Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9119-590 with logical partitions

If you plan to configure logical partitions, install the server into a rack, enable Capacity on Demand, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ For i5/OS to be installed on this model server, the 9411-100 IBM eServer p5 I/O subsystem is required.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist	**Printable PDFs**
1. Cable the HMC.	Managing the HMC
2. Prepare for HMC configuration.	Managing the HMC
3. Configure the HMC using the Guided Setup wizard. **Note:** Only complete the steps up to "After you have completed the Guided Setup wizard" at this time. Some of this section will be completed by your service provider.	Managing the HMC
4. Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, setting up the 9411-100, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.	
5. Return to Configure the HMC using the Guided Setup wizard and complete the section, "After you have completed the Guided Setup wizard."	Managing the HMC
6. Select the appropriate option to create logical partitions.	
• Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).	Partitioning for AIX with an HMC
• Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)	Partitioning for Linux with an HMC
	Partitioning for i5/OS with an HMC
7. Select one or more operating environments to install.	
• AIX	

Initial server setup checklist	Printable PDFs
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• i5/OS __ Install i5/OS.	Install, upgrade, or delete i5/OS and related software
• Linux __ Install Linux.	Installing Linux
• Virtual I/O Server __ Install the Virtual I/O Server.	Using the Virtual I/O Server
8. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
9. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting
10. (Optional) Capacity on Demand.	Capacity on Demand

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9119-595 with logical partitions

If you plan to configure logical partitions, install the server into a rack, enable Capacity on Demand, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Some setup tasks require the assistance of a service provider. The service providers have access to customized universal installation instructions (CUII) for those tasks that require their services.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ For i5/OS to be installed on this model server, the 9411-100 IBM eServer p5 I/O subsystem is required.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

Before you begin

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist	Printable PDFs
1. Cable the HMC.	Managing the HMC
2. Prepare for HMC configuration.	Managing the HMC
3. Configure the HMC using the Guided Setup wizard. **Note:** Only complete the steps up to "After you have completed the Guided Setup wizard" at this time. Some of this section will be completed by your service provider.	Managing the HMC
4. Set up the server. This task must be performed by the service provider. Server setup might include cabling the server, installing the server into a rack, setting up the 9411-100, and configuring the service connection on the HMC. All other HMC configuration tasks are customer tasks.	
5. Return to Configure the HMC using the Guided Setup wizard and complete the section, "After you have completed the Guided Setup wizard."	Managing the HMC
6. Select the appropriate option to create logical partitions. • Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7). • Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)	Partitioning for AIX with an HMC Partitioning for Linux with an HMC Partitioning for i5/OS with an HMC
7. Select one or more operating environments to install. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • i5/OS __ Install i5/OS. • Linux __ Install Linux. • Virtual I/O Server __ Install the Virtual I/O Server.	Installing AIX Install, upgrade, or delete i5/OS and related software Installing Linux Using the Virtual I/O Server
8. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
9. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting

Initial server setup checklist	Printable PDFs
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting
10. (Optional) Capacity on Demand.	Capacity on Demand

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9131-52A with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the Hardware Management Console (HMC), contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 520 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Select the method you will use to create logical partitions.	
• HMC	
__ Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
__ Prepare for HMC configuration.	Managing the HMC
__ Configure the HMC using the Guided Setup wizard.	Managing the HMC

Initial server setup checklist

__ Select the appropriate option to create logical partitions.
  - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
  - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)

- Integrated Virtualization Manager

__ Cable your server.

Attention: Do not connect the server to a power source.

__ Enter the activation code for Advanced POWER Virtualization.

__ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.

__ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.

__ If you are using a system plan to create logical partitions, deploy a system plan.

3. Select one or more operating environments to install.
   - AIX

     __ Install AIX or

     Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .
   - Linux

     __ Install Linux.
   - Virtual I/O Server

     __ Install the Virtual I/O Server.
4. Set up your server to connect to service and support.
5. Obtain updates and upgrades.

   __ Obtain HMC machine code updates and upgrades.

   __ Obtain firmware updates.

   __ Obtain operating system updates.

Printable PDFs

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Cabling your server

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Installing AIX

Installing Linux

Using the Virtual I/O Server

Customer service, support, and troubleshooting

Customer service, support, and troubleshooting

Customer service, support, and troubleshooting

Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9131-52A without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 520 that came with your server.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	**Printable PDFs**
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
3. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux.	Installing AIX Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates. __ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9133-55A with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ (Optional) To improve performance or availability, move and set up the physical hardware according to your System Planning Tool output.

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 550 and p5 550Q that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     - __ Cable your server.

       Attention: Do not connect the server to a power source.
     - __ Prepare for HMC configuration.
     - __ Configure the HMC using the Guided Setup wizard.
     - __ Select the appropriate option to create logical partitions.
       - Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).
       - Deploy a system plan (HMC version 6) or Deploy a system plan (HMC version 7)
   - Integrated Virtualization Manager
     - __ Cable your server.

       Attention: Do not connect the server to a power source.
     - __ Enter the activation code for Advanced POWER Virtualization.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Partitioning for AIX with an HMC

Partitioning for Linux with an HMC

Cabling your server

Managing the Integrated Virtualization Manager

Initial server setup checklist	Printable PDFs
__ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.	Managing the Integrated Virtualization Manager
__ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.	Managing the Integrated Virtualization Manager
__ If you are using a system plan to create logical partitions, deploy a system plan.	Managing the Integrated Virtualization Manager
3. Select one or more operating environments to install.	
• AIX	
__ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux	
__ Install Linux.	Installing Linux
• Virtual I/O Server	
__ Install the Virtual I/O Server.	Using the Virtual I/O Server
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates and upgrades.	
__ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9133-55A without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

Before you begin

__ Ensure that you have completed the tasks from the Quick start guide for IBM System p5 550 and p5 550Q that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
3. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux.	Installing AIX Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates. __ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 7047-185 without logical partitions

Use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IntelliStation POWER 185 that came with your server.

Before you begin

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	**Printable PDFs**
1. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
2. Install the acoustic-feature back cover.	PCI Adapters
3. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux.	Installing AIX Installing Linux
4. Set up a 7037-A50 or a 7047-185 system to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates. __ Obtain server firmware updates for a 7037-A50 or 7047-185 system. __ Obtain operating system updates.	Customer service, support, and troubleshooting Customer service, support, and troubleshooting

Predefined setup checklist for model 9111-285 with logical partitions

If you plan to configure logical partitions, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ Ensure that you have completed the tasks from the Quick start guide for IntelliStation POWER 285 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	Printable PDFs
1. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
2. Prepare for HMC configuration.	Managing the HMC
3. Configure the HMC using the Guided Setup wizard.	Managing the HMC
4. Partition a new or nonpartitioned managed system (HMC version 6 or earlier) or Partition a new or nonpartitioned managed system (HMC version 7).	Partitioning for AIX with an HMC Partitioning for Linux with an HMC
5. Select one or more operating systems to install. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX . • Linux __ Install Linux.	Installing AIX Installing Linux
6. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
7. Obtain updates and upgrades. __ Obtain HMC machine code updates and upgrades. __ Obtain firmware updates. __ Obtain operating system updates.	Customer service, support, and troubleshooting Customer service, support, and troubleshooting Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 9111-285 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

Before you begin

__ Ensure that you have completed the tasks from the Quick start guide for IntelliStation POWER 285 that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist	**Printable PDFs**
1. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server
2. Select the operating system that will run on your server. • AIX __ Install AIX or Install AIX using Network Installation Management (NIM). Refer to *Installing with Network Installation Management* in Installing AIX .	Installing AIX
• Linux __ Install Linux.	Installing Linux
3. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
4. Obtain updates. __ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 710 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the (HMC), contact your next level of support or your hardware service provider.

To learn more about the virtualization features offered by IBM eServer OpenPower servers, see the e-learning course available from the Advanced POWER Virtualization Web site at http://www-03.ibm.com/systems/p/apv/

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

Before you begin

__ If you are planning to install a previous firmware version on your system and the fifth digit of your model's serial number is non-hexadecimal, ensure that your firmware is at least version 2.3.5 before beginning the installation.

__ Ensure that you have completed the tasks from the Quick start guide for OpenPower 710 that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

Printable PDFs

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.

   Installing the rack, rack features, and system or expansion unit into a rack
2. Select the method you will use to create logical partitions.
   - HMC
     __ Cable your server.

     Attention: Do not connect the server to a power source.

     Cabling your server

     __ Prepare for HMC configuration.

     Managing the HMC

     __ Configure the HMC using the Guided Setup wizard.

     Managing the HMC

     __ Partition a new or nonpartitioned managed system.

     Partitioning for Linux with an HMC
   - Integrated Virtualization Manager
     __ Cable your server.

     Attention: Do not connect the server to a power source.

     Cabling your server

     __ Enter the activation code for Advanced POWER Virtualization.

     Managing the Integrated Virtualization Manager

     __ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.

     Managing the Integrated Virtualization Manager

     __ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.

     Managing the Integrated Virtualization Manager
3. Install Linux.

   Installing Linux
4. Set up your server to connect to service and support.

   Customer service, support, and troubleshooting
5. Obtain updates and upgrades.
   __ Obtain HMC machine code updates and upgrades.

   Customer service, support, and troubleshooting

   __ Obtain firmware updates.

   Customer service, support, and troubleshooting

   __ Obtain operating system updates.

   Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 710 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

To learn more about the virtualization features offered by IBM eServer OpenPower servers, see the e-learning course available from the Advanced POWER Virtualization Web site at http://www-03.ibm.com/systems/p/apv/

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ If you are planning to install a previous firmware version on your system and the fifth digit of your model's serial number is non-hexadecimal, ensure that your firmware is at least version 2.3.5 before beginning the installation.

__ Ensure that you have completed the tasks from the Quick start guide for OpenPower 710 that came with your server.
If you have not completed these tasks, links to this information are also available below.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Cable your server.

   Attention: Do not connect the server to a power source.
3. Install Linux.
4. Set up your server to connect to service and support.
5. Obtain updates.
   __ Obtain firmware updates.
   __ Obtain operating system updates.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Installing Linux

Customer service, support, and troubleshooting

Customer service, support, and troubleshooting

Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 720 with logical partitions

If you plan to configure logical partitions, install the server into a rack, use the Integrated Virtualization Manager, set up the Hardware Management Console (HMC), or install the HMC into a rack, then use this checklist to help you set up your system.

If you need help setting up the HMC, contact your next level of support or your hardware service provider.

To learn more about the virtualization features offered by IBM eServer OpenPower servers, see the e-learning course available from the Advanced POWER Virtualization Web site at http://www-03.ibm.com/systems/p/apv/

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ If you are planning to install a previous firmware version on your system and the fifth digit of your model's serial number is non-hexadecimal, ensure that your firmware is at least version 2.3.5 before beginning the installation.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

__ Ensure that you have completed the tasks from the Quick start guide for the rack-mounted HMC or Quick start guide for the stand-alone HMC that came with your HMC.

Initial server setup checklist

1. Install the server into a rack.
   Note: Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.
2. Select the method you will use to create logical partitions.
   - HMC
     __ Cable your server.

     Attention: Do not connect the server to a power source.
     __ Prepare for HMC configuration.

     __ Configure the HMC using the Guided Setup wizard.

     __ Partition a new or nonpartitioned managed system.

   - Integrated Virtualization Manager
     __ Cable your server.

     Attention: Do not connect the server to a power source.
     __ Enter the activation code for Advanced POWER Virtualization.

     __ Install the Virtual I/O Server and enable the Integrated Virtualization Manager.

Printable PDFs

Installing the rack, rack features, and system or expansion unit into a rack

Cabling your server

Managing the HMC

Managing the HMC

Partitioning for Linux with an HMC

Cabling your server

Managing the Integrated Virtualization Manager

Managing the Integrated Virtualization Manager

Initial server setup checklist	Printable PDFs
__ Connect to the Integrated Virtualization Manager Web-based interface or Connect to the Virtual I/O Server command-line interface.	Managing the Integrated Virtualization Manager
3. Install Linux.	Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates and upgrades.	
__ Obtain HMC machine code updates and upgrades.	Customer service, support, and troubleshooting
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Predefined setup checklist for model 720 without logical partitions

If you do not plan to configure logical partitions or set up the Hardware Management Console (HMC), use this checklist to help you set up your system.

To learn more about the virtualization features offered by IBM eServer OpenPower servers, see the e-learning course available from the Advanced POWER Virtualization Web site at http://www-03.ibm.com/systems/p/apv/

For a successful installation, complete the following tasks in order.

Before you begin

__ Good planning is essential for the successful setup and use of your server. The customized Planning Checklist provides you with the planning tasks you need to perform. Have you completed the Planning Checklist?

No: Create a custom planning checklist.

Yes: Continue to the next step.

__ If you are planning to install a previous firmware version on your system and the fifth digit of your model's serial number is non-hexadecimal, ensure that your firmware is at least version 2.3.5 before beginning the installation.

__ Ensure that you have completed the tasks from the Setup instructions that came with your server.

Initial server setup checklist	Printable PDFs
1. Install the server into a rack. **Note:** Due to tipping considerations and for your safety and that of the equipment, IBM does not ship the 7014 series model T42 or 0553 system racks populated above the 36U mark. Some additional installation of rack-mounted units might be required.	Installing the rack, rack features, and system or expansion unit into a rack
2. Cable your server. **Attention:** Do not connect the server to a power source.	Cabling your server

Initial server setup checklist	Printable PDFs
3. Install Linux.	Installing Linux
4. Set up your server to connect to service and support.	Customer service, support, and troubleshooting
5. Obtain updates.	
__ Obtain firmware updates.	Customer service, support, and troubleshooting
__ Obtain operating system updates.	Customer service, support, and troubleshooting

After you finish

__ (Optional) Complete additional setup tasks.

Completing additional setup tasks

View additional tasks to further customize the configuration of your system.

By completing the initial server setup checklist, you have completed the tasks necessary for your server to function and operate on the most basic level. To further customize the configuration of your system, select any of the following tasks:

Creating a virtual computing environment

When you create a virtual computing environment, you consolidate the physical and logical resources into a manageable virtual environment. This allows you to pool resources such as memory, processors, networks, and storage into a single virtual environment.

Accessing the ASMI

The Advanced System Management Interface (ASMI) is the interface to the service processor that allows you to perform general and administrator-level service tasks such as reading service processor error logs, reading vital product data, setting up the service processor, and controlling the system power. The ASMI might also be referred to as the service processor menus. You can access the ASMI through a Web browser, the ASCII console, or the Hardware Management Console (HMC). If you do not have an HMC, set up access to the ASMI in addition to your Operations Console or twinaxial console.

Setting up Operations Console

Operations Console allows you to use one or more PCs to access and control, either remotely or locally, the server console and control panel functions. Set up Operations Console in addition to your HMC to manage the i5/OS operating system in a partitioned environment.

Setting up a twinaxial console

The twinaxial console uses the command line interface to access and manage the server, and it does not require the use of a PC to act as a console. Set up the twinaxial console in addition to your HMC to manage the i5/OS operating system in a partitioned environment.

Managing the Thin Console

The Thin Console for System i5 provides a 5250 system console for the i5/OS operating system on select IBM System i5 and eServer i5 models that are *not* managed by a Hardware Management Console (HMC).

Installing iSeries® Navigator

iSeries Navigator is a graphical user interface used for managing and administering your server and i5/OS from your Windows® desktop. iSeries Navigator makes operation and administration of servers and i5/OS easier and more productive.

Install and configure Windows environment on iSeries
Windows environment on iSeries is available on IBM System i5 and eServer i5 models. It is a way for the server and Personal Computers (PCs) to work together. It allows the server to control the PCs, making the PCs easier to administer. Setting up Windows environment on iSeries involves installing hardware and two separate pieces of software: IBM i5/OS Integrated Server Support and the Windows 2000 Server or Windows Server 2003 operating system from Microsoft®.

i5/OS licensing on IBM System i 9407-515 and 9406-525
On IBM System i 9407-515 and 9406-525, i5/OS licensing is comprised of two types of entitlements: processor entitlements and user entitlements. Before you use a System i 9407-515 or 9406-525, review this information to understand processes and procedures that are associated with i5/OS user entitlements.

Documentation for POWER6 servers

Learn about where to find user documentation for the POWER6 servers.

You can find user documentation for your POWER6 server by going to the Support for IBM Systems Web site at http://www.ibm.com/systems/support/.

Related information for Initial server setup

View and print information related to the Initial server setup topic collection.

Planning

Planning

Installing hardware

- Installing the rack
- Installing a system or expansion unit into a rack

Cabling

- Cabling your server
- Cabling the HMC

Installing software

- Installing AIX
- Installing i5/OS
- Installing Linux
- Installing the Virtual I/O Server
- iSeries Navigator

Consoles

- Accessing the ASMI
- Cabling the HMC
- Preparing for HMC configuration
- Configuring the HMC using the Guided Setup wizard
- Entering the activation code for Advanced POWER Virtualization (Integrated Virtualization Manager)
- Entering the activation code for Advanced POWER Virtualization using the HMC version 7
- Entering the activation code for Advanced POWER Virtualization using the HMC version 6

- Activate Capacity on Demand or Advanced POWER Virtualization
- Installing the Virtual I/O Server and enabling the Integrated Virtualization Manager
- Connecting to the Integrated Virtualization Manager Web-based interface
- Connecting to the Virtual I/O Server command-line interface
- Managing the Virtual Partition Manager
- Setting up Operations Console
- Setting up a twinaxial console
- Managing the Thin Console

Logical partitions

- Partitioning with version 7 or later of the HMC
- Deploying a system plan using HMC version 7
- Partitioning with version 6 or earlier of the HMC
- Deploying a system plan using HMC version 6
- Partitioning with the Integrated Virtualization Manager
- Deploying a system plan using the Integrated Virtualization Manager
- Partitioning with the Virtual Partition Manager
- Using the Virtual I/O Server

Customer service, support, and troubleshooting

- Customer service, support, and troubleshooting
- Obtaining HMC machine code updates and upgrades
- Obtaining operating system updates
- Obtaining firmware updates
- Obtaining server firmware updates for a 7037-A50 or 7047-185 system
- Setting up your server to connect to service and support
- Setting up a 7037-A50 or a 7047-185 system to connect to service and support

Other

- IBM System Planning Tool
- Creating a virtual computing environment
- Windows environment on iSeries
- Capacity on Demand

Appendix. Accessibility features

Accessibility features help users who have a physical disability, such as restricted mobility or limited vision, to use information technology products successfully.

The following list includes the major accessibility features:

- Keyboard-only operation
- Interfaces that are commonly used by screen readers
- Keys that are tactilely discernible and do not activate just by touching them
- Industry-standard devices for ports and connectors
- The attachment of alternative input and output devices

IBM and accessibility

See the IBM Accessibility Center at http://www.ibm.com/able/ for more information about the commitment that IBM has to accessibility.

© Copyright IBM Corp. 2004, 2007

Notices

This information was developed for products and services offered in the U.S.A.

The manufacturer may not offer the products, services, or features discussed in this document in other countries. Consult the manufacturer's representative for information on the products and services currently available in your area. Any reference to the manufacturer's product, program, or service is not intended to state or imply that only that product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any intellectual property right of the manufacturer may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any product, program, or service.

The manufacturer may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to the manufacturer.

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: THIS INFORMATION IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. The manufacturer may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to Web sites not owned by the manufacturer are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this product and use of those Web sites is at your own risk.

The manufacturer may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning products not produced by this manufacturer was obtained from the suppliers of those products, their published announcements or other publicly available sources. This manufacturer has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to products not produced by this manufacturer. Questions on the capabilities of products not produced by this manufacturer should be addressed to the suppliers of those products.

All statements regarding the manufacturer's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

© Copyright IBM Corp. 2004, 2007

The manufacturer's prices shown are the manufacturer's suggested retail prices, are current and are subject to change without notice. Dealer prices may vary.

This information is for planning purposes only. The information herein is subject to change before the products described become available.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

If you are viewing this information in softcopy, the photographs and color illustrations may not appear.

The drawings and specifications contained herein shall not be reproduced in whole or in part without the written permission of the manufacturer.

The manufacturer has prepared this information for use with the specific machines indicated. The manufacturer makes no representations that it is suitable for any other purpose.

The manufacturer's computer systems contain mechanisms designed to reduce the possibility of undetected data corruption or loss. This risk, however, cannot be eliminated. Users who experience unplanned outages, system failures, power fluctuations or outages, or component failures must verify the accuracy of operations performed and data saved or transmitted by the system at or near the time of the outage or failure. In addition, users must establish procedures to ensure that there is independent data verification before relying on such data in sensitive or critical operations. Users should periodically check the manufacturer's support websites for updated information and fixes applicable to the system and related software.

Trademarks

The following terms are trademarks of International Business Machines Corporation in the United States, other countries, or both:

AIX
IBM
eServer
i5/OS
IntelliStation
iSeries
OpenPower
POWER
POWER6
System i
System i5
System p
System p5

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

Linux is a trademark of Linus Torvalds in the United States, other countries, or both.

Other company, product or service names may be trademarks or service marks of others.

Electronic emission notices

Class A Notices

The following Class A statements apply to the IBM System i models and IBM System p servers with the exception of those that are specifically identified as Class B.

Federal Communications Commission (FCC) statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Compliance Statement

This Class A digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe A respecte est conforme à la norme NMB-003 du Canada.

European Community Compliance Statement

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class A Information Technology Equipment according to European Standard EN 55022. The limits for Class A equipment were derived for commercial and industrial environments to provide reasonable protection against interference with licensed communication equipment.

European Community contact:
IBM Technical Regulations
Pascalstr. 100, Stuttgart, Germany 70569
Tele: 0049 (0)711 785 1176
Fax: 0049 (0)711 785 1283
E-mail: tjahn@de.ibm.com

Warning: This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

VCCI Statement - Japan

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスＡ情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

The following is a summary of the VCCI Japanese statement in the box above.

This product is a Class A Information Technology Equipment and conforms to the standards set by the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Electromagnetic Interference (EMI) Statement - People's Republic of China

声　明

此为Ａ级产品，在生活环境中，
该产品可能会造成无线电干扰。
在这种情况下，可能需要用户对其
干扰采取切实可行的措施。

Declaration: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may need to perform practical action.

Electromagnetic Interference (EMI) Statement - Taiwan

警告使用者：
這是甲類的資訊產品，在
居住的環境中使用時，可
能會造成射頻干擾，在這
種情況下，使用者會被要
求採取某些適當的對策。

The following is a summary of the EMI Taiwan statement above.

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user will be required to take adequate measures.

IBM Taiwan Contact Information:

台灣IBM 產品服務聯絡方式：
台灣國際商業機器股份有限公司
台北市松仁路7號3樓
電話：0800-016-888

Electromagnetic Interference (EMI) Statement - Korea

이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이점을 주의하시기 바라며, 만약 잘못 판매 또는 구입하였을 때에는 가정용으로 교환하시기 바랍니다.

Please note that this equipment has obtained EMC registration for commercial use. In the event that it has been mistakenly sold or purchased, please exchange it for equipment certified for home use.

Germany Compliance Statement

Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse A EU-Richtlinie zur Elektromagnetischen Verträglichkeit

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2004/108/EG zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55022 Klasse A ein.

Um dieses sicherzustellen, sind die Geräte wie in den Handbüchern beschrieben zu installieren und zu betreiben. Des Weiteren dürfen auch nur von der IBM empfohlene Kabel angeschlossen werden. IBM übernimmt keine Verantwortung für die Einhaltung der Schutzanforderungen, wenn das Produkt ohne Zustimmung der IBM verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung der IBM gesteckt/eingebaut werden.

EN 55022 Klasse A Geräte müssen mit folgendem Warnhinweis versehen werden:
"Warnung: Dieses ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funk-Störungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen zu ergreifen und dafür aufzukommen."

Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 2004/108/EG in der Bundesrepublik Deutschland.

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) (bzw. der EMC EG Richtlinie 2004/108/EG) für Geräte der Klasse A.

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Konformitätserklärung nach des EMVG ist die IBM Deutschland GmbH, 70548 Stuttgart.

Generelle Informationen:

Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse A.

Electromagnetic Interference (EMI) Statement - Russia

ВНИМАНИЕ! Настоящее изделие относится к классу А.
В жилых помещениях оно может создавать
радиопомехи, для снижения которых необходимы
дополнительные меры

Class B Notices

The following Class B statements apply to model 9111-520 (stand-alone version), 9131-52A (stand-alone version), 7047-185 and the 9111-285.

Federal Communications Commission (FCC) statement

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an IBM authorized dealer or service representative for help.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from IBM authorized dealers. IBM is not responsible for any radio or television interference caused by using other than recommended cables or connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interferences, and (2) this device must accept any interferences received, including interference that may cause undesired operation.

Industry Canada Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe B respecte est conforme à la norme NMB-003 du Canada.

European Community Compliance Statement

This product is in conformity with the protection requirements of EC Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to CISPR 22 / European Standard EN 55022. The limits for Class B equipment were derived for typical residential environments to provide reasonable protection against interference with licensed communication devices.

Properly shielded and grounded cables and connectors must be used in order to reduce the potential for causing interference to radio and TV communications and to other electrical or electronic equipment. Such cables and connectors are available from IBM authorized dealers. IBM cannot accept responsibility for an interference caused by using other than recommended cables and connectors.

European Community contact:
IBM Technical Regulations
Pascalstr. 100, Stuttgart, Germany 70569
Tele: 0049 (0)711 785 1176
Fax: 0049 (0)711 785 1283
E-mail: tjahn@de.ibm.com

VCCI Statement - Japan

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスＢ情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

The following is a summary of the VCCI Japanese statement in the box above.

This is a Class B product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

IBM Taiwan Product Service Contact Information

台灣IBM 產品服務聯絡方式：
台灣國際商業機器股份有限公司
台北市松仁路7號3樓
電話：0800-016-888

Electromagnetic Interference (EMI) Statement - Korea

이 기기는 가정용으로 전자파적합등록을 한 기기로서 주거 지역에서는 물론 모든 지역에서 사용할 수 있습니다.

Radio Protection for Germany

Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse B EU-Richtlinie zur Elektromagnetischen Verträglichkeit

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2004/108/EG zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55022 Klasse B ein.

Um dieses sicherzustellen, sind die Geräte wie in den Handbüchern beschrieben zu installieren und zu betreiben. Des Weiteren dürfen auch nur von der IBM empfohlene Kabel angeschlossen werden. IBM übernimmt keine Verantwortung für die Einhaltung der Schutzanforderungen, wenn das Produkt ohne Zustimmung der IBM verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung der IBM gesteckt/eingebaut werden.

Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 2004/108/EG in der Bundesrepublik Deutschland.

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) (bzw. der EMC EG Richtlinie 2004/108/EG) für Geräte der Klasse B.

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Konformitätserklärung nach des EMVG ist die IBM Deutschland GmbH, 70548 Stuttgart.

Generelle Informationen:

Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse B.

Terms and conditions

Permissions for the use of these publications is granted subject to the following terms and conditions.

Personal Use: You may reproduce these publications for your personal, noncommercial use provided that all proprietary notices are preserved. You may not distribute, display or make derivative works of these publications, or any portion thereof, without the express consent of the manufacturer.

Commercial Use: You may reproduce, distribute and display these publications solely within your enterprise provided that all proprietary notices are preserved. You may not make derivative works of these publications, or reproduce, distribute or display these publications or any portion thereof outside your enterprise, without the express consent of the manufacturer.

Except as expressly granted in this permission, no other permissions, licenses or rights are granted, either express or implied, to the publications or any data, software or other intellectual property contained therein.

The manufacturer reserves the right to withdraw the permissions granted herein whenever, in its discretion, the use of the publications is detrimental to its interest or, as determined by the manufacturer, the above instructions are not being properly followed.

You may not download, export or re-export this information except in full compliance with all applicable laws and regulations, including all United States export laws and regulations.

THE MANUFACTURER MAKES NO GUARANTEE ABOUT THE CONTENT OF THESE PUBLICATIONS. THESE PUBLICATIONS ARE PROVIDED ″AS-IS″ AND WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE.

Printed in USA