FOXCONN® 661FXME Easy Installation Guide





Remark:

The above motherboard layout is provided for reference only; please refer to the physical motherboard.

P/N: 91-185-U61-M4-0E



1 PS/2 Mouse Connector

This green 6-pin connector is for a PS/2 mouse.

2 PS/2 Keyboard Connector

This purple 6-pin connector is for a PS/2 keyboard.

3 Serial Port (COM1)

This 9-pin COM1 port is for pointing devices or other serial devices.

Parallel Port (Printer Port)

This 25-pin port connects a parallel printer, a scanner, or other devices.

5 VGA Connector

The VGA connector is for output to a VGA-compatible device.

6 USB 2.0 Ports

These four Universal Serial Bus (USB) ports are available for connecting USB 2.0 devices.

LAN Connector

This port allows connection to a Local Area Network (LAN) through a network hub.

8 1394 Port

This digital interface supports electronic devices such as digital cameras, scanners and printers.

Line-in jack, Line-out jack, Microphone jack

Use the three audio ports to connect audio devices. The Line-in jack is for a tape player or other audio sources. The Line-out jack is for a headphone or a speaker. The Microphone jack is for a microphone. In 6-Channel mode, the function of the three jacks becomes Rear Speaker Out, Front Speaker Out and Center/Subwoofer Speaker respectively.



Accessory Checklist

Thank for your purchasing Foxconn's 661FXME series motherboard. Please carefully check the package; if there are any missing or damaged items, contact your distributor as soon as possible.

- ✤661FXME motherboard (x1)
- Foxconn Utility CD (x1)
- Easy Installation Guide (x1)
- IDE Ribbon cable (x1)
- FDD Ribbon cable (x1)
- ✤I/O Shield (x1)
- S-ATA Signal cable (x1) (optional)
- S-ATA Power cable (x1) (optional)

CPU/ Memory Support Features

CPU:

- Supports Intel[®] Pentium [®]4 socket 478 (Willamette/Northwood/Prescott) processors
- Supports Intel[®] Celeron [®] socket 478 (Willamette/Northwood) processors
- Supports FSB at 400MHz/533MHz/800MHz

Memory:

- Two 184-pin DIMM slots
- Supports 266/333/400MHz Single Channel DDR DRAM interface
- Supports 128/256/512/1024 Mb memory technology up to 2.0GB
- Supports unbuffered non-ECC RAM

3

1. Clear CMOS Jumper: CLS_CMOS

You can clear CMOS to restore default system setting. To clear the CMOS, follow the procedures described below.

- 1. Turn off the AC power and connect pin 1 and 2 together using the jumper cap.
- Return the jumper setting to normal (pin 2 and 3 together with the jumper cap).
- 3. Turn the AC power supply back on.

2. CPU Model Selection Jumper: J2

The default status for J2 is open, which supports the Prescott and Northwood CPU. If J2 set as close, then it supports the Willamette CPU.

3. Front Panel Connector: FP1

Attach the power LED, IDE LED, reset switch and power switch connectors to the corresponding pins.

4. FAN Connectors: CPU_FAN, FAN1

Plug the CPU cooling fan cable into the 3-pin CPU_FAN power supply on the mainboard. Connect the case cooling fan connector to FAN1.









FAN1

4

5. Serial ATA Connector: SATA1, SATA2

The serial ATA connector is used to connect the Serial ATA device to the motherboard. These connectors support the thin Serial ATA cable for primary internal storage devices. The current Serial ATA interface allows up to 150MB/s data transfer rate.



SATA1/SATA2

6. CD_IN Connector: CD_IN

CD_IN is Sony standard CD audio connector, it can be connected to a CD-ROM drive through a CD audio cable.



7. Front Audio Connector: F_AUDIO

The audio interface provides two kinds of audio output choices: the Front Audio, the Rear Audio. Their priority is sequenced from high to low (Front Audio to Rear Audio). If headphones are plugged into the front panel of the chassis (using the Front Audio), then the Line-out (Rear Audio) on the rear panel will not work. If you do not want to use the Front Audio, pin 5 and 6, pin 9 and 10 must be SHORT, and then the signal will be sent to the rear audio port.



8. Speaker Connector: SPEAKER

The speaker connector is used to connect the speaker of the chassis.

9. USB Headers: F_USB1, F_USB2

Besides four USB ports on the rear panel, the series of motherboard also have two 10-pin headers on board which may connect to front panel USB cable to provide four additional USB ports.

10. S/PDIF Out Connector(optional): SPDIF_OUT

The S/PDIF output connector is capable of providing digital audio to external speakers, or compressed AC3 data to an external Dolby digital decoder.







F_USB1/F_USB2



SPEAKER

11. IrDA Header (optional): IR

This header supports wireless transmitting and receiving devices. Before using this function, Configure the settings of IR mode from the "Integrated Peripherals" section of the CMOS Setup Utility.



12. 5.1 Channel Audio Effects

The motherboard is equipped with the CODEC ALC655 chip, which provides support for 6-channel audio output, including 2 front, 2 rear, 1 center and 1 subwoofer channel. ALC655 allows the board to attach 2, 4 or 6 speakers for a better surround sound effect. To apply this function, you have to install the audio driver in utility CD as well as an audio application supporting 5.1 Channel. The illustration shown below represents the standard location of all speakers in 5.1 Channel sound track. Connect the front speaker to the green audio output; connect the surround sound speaker to the blue audio input and connect the center speaker/subwoofer to the red microphone input.



7

13. Power on and Load Optimized Defaults

After you finish the setting of jumpers and connect correct cables, power on the system and press during POST (Power On Self Test) to enter the BIOS Setup Utility. Choose "Load Optimized Defaults" for recommended optimal performance. Please make sure your system components are good enough for optimized defaults.



14. Foxconn Utility CD

This motherboard comes with one Utility CD. To begin using the CD, simply insert the CD disc into the CD-ROM drive. The CD will automatically bring up the main menu screen. Click "Install Driver", then click the relevant buttons to install the IDE Driver, AGP Driver, VGA Driver, DirectX 9.0b, USB2.0 Driver, Audio Driver and LAN Driver from this CD.

