

# Operating System Installation Guide

4818-T10 / 4818-ET1

# 1. Installing Windows 7/POSReady 7 (32 and 64 bit)

## Requirements

Windows 7/POSReady 7 installation DVD  
USB Keyboard and Mouse  
External USB CD/DVD drive (if DVD feature not installed)

## Configuring BIOS setup

To configure BIOS setup, complete the following steps:

1. Power on the system and enter BIOS setup by pressing the <DEL> key during POST.
2. Enter the 'Advanced' page.
3. Set the 'OS Selection' item to 'Windows 7' option.
4. Enter the "Main" page then enter the "Boot features" sub page.
5. **Ensure the "Legacy boot" is enable.**
6. Press <F10> key to save data.

## Installing the Windows 7/POSReady 7 drivers

Toshiba Global Commerce Solutions required drivers for Windows 7/POSReady 7

- Intel INF (Chipset) Driver
- Intel VGA Driver
- Realtek Audio Driver
- Realtek Ethernet Driver
- Intel TXE Driver
- Intel USB 3.0 Driver
- Nuvoton Serial Driver

Install the drivers in the following order.

7. Install the Intel INF (Chipset) Driver
8. Install the Intel VGA Driver
9. Install the Realtek Audio Driver
10. Install the Realtek Ethernet Driver
11. Install the Intel TXE Driver
12. Install the USB 3.0 Driver
13. Install the Nuvoton Serial Driver

If USB 3.0 operation is required, an additional BIOS setting must be modified. The USB 3.0 driver must be installed and a registry patch is required. The USB 3.0 driver and the TGCS\_Reg\_Edits package are available from the TGCS support site. Follow the steps below to configure the system for USB 3.0 operation.

To configure BIOS for USB 3.0 operation, complete the following steps:

1. Power on the system and enter BIOS setup by pressing the <DEL> key during POST.
2. Enter the 'Advanced' page.
3. Enter the 'South Cluster Configuration' sub-page.
4. Enter the 'USB Configuration' sub-page.
5. **Set the 'XHCI mode' item to 'Smart Auto' option.**
6. Press <F10> to save and restart.
7. Power on and into Windows 7, install USB 3.0 driver.
8. After complete install, power on the system and enter BIOS setup by pressing the <DEL> key during POST.
9. Enter the 'Advanced' page.
10. Enter the 'South Cluster Configuration' sub-page.
11. Enter the 'USB Configuration' sub-page.
12. Set the 'XHCI mode' item to 'Enable' option.

13. Press <F10> key to save and restart.

## 2. Installing Windows 10 (32 and 64 bit)

The Windows 10 installation process fully supports the Toshiba Global Commerce Solutions 4818-T10 / 4818-ET1 Models. No special considerations need to be made when installing the operating system. You can use the following method to install the operating system.

### Requirements

Windows 10 installation DVD  
USB Keyboard and Mouse  
External USB CD/DVD drive (if DVD feature not installed)

### Configuring BIOS setup

To configure BIOS setup, complete the following steps:

1. Power on the system and enter BIOS setup by pressing the <DEL> key during POST.
2. Enter the 'Advanced' page.
3. Set the 'OS Selection' item to 'Windows 8.X/10' option.
4. Press <F10> key to save and restart.

### Installing the Windows 10 drivers

Toshiba Global Commerce Solutions required drivers for Windows 10

Intel INF (Chipset) Driver  
Intel VGA Driver  
Realtek Audio Driver  
Realtek Ethernet Driver  
Intel TXE Driver  
Nuvoton Serial Driver

Install the drivers in the following order.

1. Install the Intel INF (Chipset) Driver
2. Install the Intel VGA Driver
3. Install the Realtek Audio Driver
4. Install the Realtek Ethernet Driver
5. Install the Intel TXE Driver
6. Install the Nuvoton Serial Driver

If USB 3.0 operation is required, an additional BIOS setting must be modified. Follow the steps below to configure the system for USB 3.0 operation.

To configure BIOS for USB 3.0 operation, complete the following steps:

1. Power on the system and enter BIOS setup by pressing the <DEL> key during POST.
2. Enter the 'Advanced' page.
3. Enter the 'South Cluster Configuration' sub-page.
4. Enter the 'USB Configuration' sub-page.
5. Set the 'XHCI mode' item to 'Enable' option.
6. Press <F10> key to save and restart.