



PioneerPOS MAGNUS Boxi (Using Windows XP / XPe / WEPOS)

Installing Display Driver:

Intel Embedded Graphic Driver (IEGD)

Package Name "MAGNUS_BOXI_Display-Driver_V01" (Note: BOXI with POS-835 Motherboard)

Section 1: Preparing the system for installation of IEGD

1. Make sure that monitor is turned on and connected to BOXI's VGA port.
2. If the existing driver is "Intel Graphics Media Accelerator (GMA) Driver", please refer to **"Reference B: Uninstall existing Intel Graphics Media Accelerator (GMA) driver"**.
3. If you are not sure which type of display adapter is installed, please refer to **"Reference A: How to tell which type of Display Adapter Driver is installed"**.
4. If you are not able to view the display on the monitor with existing driver, please refer to **"Reference C: Not able to view display on monitor while the system is on"**.

Section 2: Installing "Intel Embedded Graphic Driver (IEGD)"

[Note: If you see the message "Welcome to the Found New Hardware Wizard", please ignore it. The message will disappear after we install the new driver]

1. Unzip and open the folder "MAGNUS_BOXI_Display-Driver_V01" to your system.
2. Unzip and open "IEGD_9_0_2_Windows" folder
3. Open "Utilities" folder
4. Double-click "Setup.exe"
5. Select "Installs driver and application files" and click "Next".
6. Select "I agree" after reading License Agreement.
7. Click "Install"
8. Click "Continue Anyway" on Software Installation box. Repeat if you see the same message.
[Note: If you see "Found New Hardware Wizard" message, please click "cancel"]
9. Click "Yes" when you are prompted to restart the computer.
10. If the driver was successfully installed, the lines below will appear when you double-click Display Adapters in Device Manager:
"Intel Corporation Q35 Embedded Graphics Chipset Function 0" and
"Intel Corporation Q35 Embedded Graphics Chipset Function 1"
[Note: To get to Device Manager, just go to "Start-> Setting -> Control Panel". Double-click "System" icon, selects "Hardware" Tab, and click "Device Manager"]
11. You may now set any display settings (such as Screen Resolutions) based on your needs.
[Note: Go to Start-> Setting -> Control Panel -> Display. Then, click on "Settings". Click the "Advanced" button on the same screen to change other additional settings.]

References

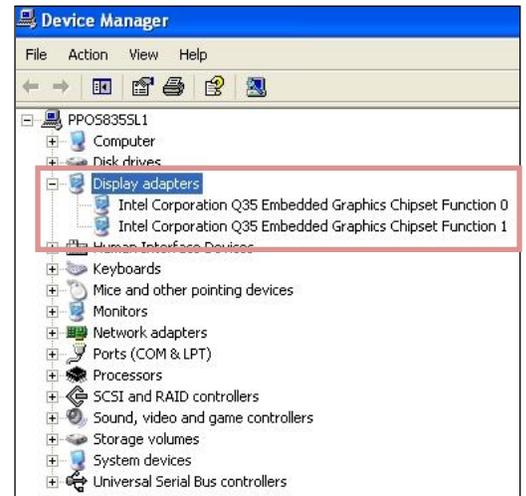
A) How to tell which type of Display Adapter Driver is installed

When **Intel IEGD Driver (Intel Embedded Graphic Driver)** is installed, you will see:

“Intel Corporation Q35 Embedded Graphics Chipset Function 0” and

“Intel Corporation Q35 Embedded Graphics Chipset Function 1”

under Display Adapters in Device Manager

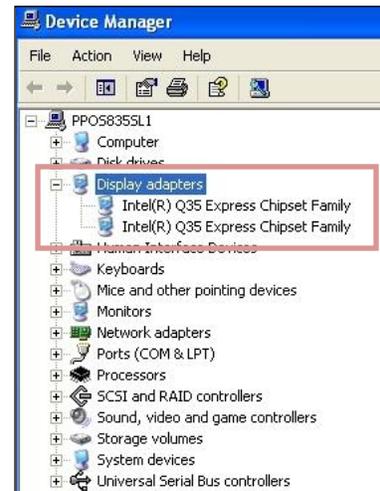


When **Intel GMA Driver (Intel Graphics Media Accelerator Driver)** is installed, you will see:

“Intel(R) Q35 Express Chipset Family” and

“Intel(R) Q35 Express Chipset Family”

under Display Adapters in Device Manager



When **No Driver** is installed, you will see:

“Video Controller” (with “!” icon) and

“Video Controller (VGA Compatible)” (with “!” icon)

under Other Devices in Device Manager



B) Uninstall existing Intel Graphics Media Accelerator (GMA) driver

1. Go to Start-> Setting -> Control Panel -> Add/Remove Programs
2. Select "Intel® Graphics Media Accelerator Driver"
3. Click "Change/Remove" button
4. A new Window with title "Intel® Graphics Media Accelerator Driver" will appear. Click "Next".
5. Click "Next" again when prompted.
6. Click "Finish" when you are asked to "Restart the computer".
[Note: The display will appear small after uninstalling Intel GMA Driver. It is normal].

C) Not able to view display on monitor while the system is on

Symptom: *System boots up, POST screen shows up, monitor has no display after logo screen, and system gives beep sound when touch panel is activated.*

1. If you are not able to view the display on monitor with existing driver, most likely it was because the system was turned on before the monitor is turned on or connected.
[Note: This issue will appear when the system is installed with **Intel GMA display driver**. Using **Intel IEGD display driver** will solve this issue.]
2. You may solve this issue temporarily by pressing "Ctrl+Alt+F1". It is a shortcut key offered by Intel GMA driver to switch the display to monitor. After that, please refer to **Reference section B** to uninstall existing driver and refer to **Section 2** to install Intel IEGD driver.
3. In case "Ctrl+Alt+F1" does not work. You could switch off the system manually by pressing the on/off button.
4. After that, turn on the system again. Start tapping the F8 key repeatedly.
[Note: Sometimes computer may display a "keyboard error" message if you begin tapping the F8 key too early. To resolve this issue, please restart the system and try again.]
5. You will see a screen with "Windows Advanced Option Menu" with dark background after the boot up screen.
6. Please select "Safe Mode" option by using the up/down key
7. Then, select "Microsoft Window XP Professional" or your installed Windows operating system if you are given a choice.
8. Login to Administrator or any user to get on to Desktop.
9. Click "Yes" when you see a Warning Box with message "Windows is running in safe mode..."
10. You are now in safe Mode. Follow the instruction at **Reference Section B** to uninstall Intel GMA display driver.
11. After uninstalling the driver, you should be able to view the display on monitor.

D) Uninstalling Intel Embedded Graphic Driver (IEGD).

1. Should you need to uninstall IEGD driver, just go to the original installation folder and double click "Setup.exe"
2. A Dialog box will appear to let you select "Uninstalls Driver and application files".
3. Select "Uninstalls Driver ..." and click next.

If you have any questions, please call PioneerPOS's support line at (909) 468-9757 ext 171. You may also send an email to support@pioneerpos.com for additional support.

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