



PROCELERANT™

Q35 MOTHERBOARDS

DRIVER INSTALLATION GUIDE

ENDURA JD35Q, PL35Q, QZ35Q

Drivers for the Endura Q35 motherboards are available for download from the RadiSys Web site, www.radisys.com. To locate the drivers, navigate to the Q35 motherboards product page (or search on "35Q" from the Support page), then click the Support Downloads link for your motherboard model.

This guide provides important considerations for installing drivers in each supported operating system. For detailed instructions on how to install each driver, refer to the documentation within the driver package.

Installing drivers for systems running Microsoft® Windows®

IMPORTANT:

Keep these points in mind when installing drivers in any of the Microsoft Windows operating systems.

- The chipset driver must be installed before any other drivers.
- Install the drivers in the order listed in this guide, then reboot the system.
- You may not need to install all available drivers.
- Some drivers may not be Microsoft signed.

Installation procedure for Windows operating systems

This procedure applies to Microsoft® Windows® XP Professional with Service Pack 2 and Microsoft® Windows® XP Embedded with Service Pack 2.

Chipset driver (install first)

1. Download the Q35 Chipset Driver for Windows XP and unzip the driver package.
2. Run "infnst_autol.exe" and follow the instructions in the InstallShield® Wizard.

Note: The USB keyboard and mouse may not function during the driver installation. If that happens, wait for the installation to complete and then restart the system.

Video driver

1. Download the Q35 Graphics Driver for Windows XP and unzip the driver package.
2. Run "setup.exe" and follow the instructions in the InstallShield Wizard.

Audio driver

1. Download Q35 Audio Driver for Windows XP and unzip the driver package.
2. Run "setup.exe" and follow the instructions in the InstallShield Wizard.

Network driver

Use the System Device Manager to locate problematic network adapters and update drivers.

1. Download Q35 Ethernet Driver for Windows XP and unzip the driver package.
2. Navigate to the Windows Control Panel.
3. Click System.
4. On the System Properties dialog box, click the Hardware tab, then click Device Manager.
5. Under Network adapters, right-click the problematic network adapter and select Update Driver. It may take a few minutes to install network drivers. Wait until the installation is complete.
6. If you are using dual LANs, install the network driver for each LAN.

SATA driver

If installing the operating system on a system configured for RAID or AHCI mode, you must pre-install the Intel® Matrix Storage Manager driver using the F6 installation method described in section 5.3 of the readme.txt file included in the SATA driver download package.

Drivers for Microsoft® Windows Vista®

Download the Windows Vista Q35 drivers for audio and video. Download the remaining Q35 drivers, including chipset and network, from the Windows XP driver package.

Install the chipset driver first, then the remaining drivers as needed. Installation instructions are provided in readme.txt files in each of the driver download packages.

Drivers for Linux® and Solaris™ systems

Red Hat® Enterprise Linux® 4.0 Update 5

Download the Q35 drivers for Red Hat Enterprise Linux 4.0 Update 5. You do not need to download the Intel Q35 chipset driver and video driver, as they are included in the operating system.

Note: High Definition Audio (HDA) is currently not supported.

Novell® SUSE® Linux Enterprise Desktop 10.2

Download Q35 drivers for SUSE Linux Professional 10.2. You do not need to download the Intel Q35 chipset driver and video driver, as they are included in the operating system.

Knoppix® Linux 5.1.1

All drivers are included in Knoppix Linux 5.1.1. You do not need to install additional drivers.

Sun Microsystems® Solaris™ 10 Update 4

Download the Q35 Ethernet driver for Solaris 10 Update 4.