

Addonics

TECHNOLOGIES

2-Port Gigabit Ethernet PCI-Express 4x Controller

AD2N1GPX4

User's Guide

FCC Warning Statement

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. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try and correct the interference by one or more of the following suggestions.

Reorient or relocate the receiving antenna

Increase the distance between the equipment and the receiver

Connect the equipment to a different power outlet other than the one where receiver is connected

Consult a certified television or radio technician

Software Installation

Windows Driver Installation

Note: The first time you plug in the AD2N1GPX4 adapter in your system, cancel all operating system attempts to install the driver automatically.

If the driver installation is cancelled, the adapter will not be detected during installation by the operating system and the adapter is installed as "**Ethernet Controller**" under Other Devices in Device Manager

To install the driver you have to perform a driver update as described in the next section.

Updating the driver

To update the driver, proceed as follows:

1. On the desktop right click on My Computer icon.
2. Select Manage.
3. In the "Device Manager," select the unknown Ethernet Controller.
4. Do a right click on the mouse, select Update Driver.
5. Follow the Hardware installation wizard and point to the location of the driver (Driver CD:\Drivers\Ethernet Drivers\AD2N1GPX4\Marvell_Yukon\Windows\..)
6. If a message is displayed saying that the driver is not digitally signed by Microsoft, click YES.
7. The message "Windows has finished installing the software for this device" is displayed.
8. Click FINISH to complete the installation.

Please note that the latest version of the YK51X86 driver is available for download from our web site.

Verifying the installation

To verify the instructions

1. On the desktop right click on My Computer icon.
2. Select Manage.
3. In the "Device Manager," select the Network adapter. If there is no yellow "!" or "?" in front of "**Marvell Yukon 88E8062 PCI-E IPMI Gigabit Ethernet Controller**", the driver has started correctly.

Marvell CPA installation

The Marvell CPA software is the tool to manage your network adapter. This software support Windows 2000, XP 32-bit/64-bit, Server 2003 32-bit/64-bit.

The Marvell CPA utility helps to perform the following tasks:

- Configuration of the adapter and their corresponding ports
- Monitoring of the status of the adapter
- Establishment of VLANs
- Building of teams / Enabling of link aggregation according to IEEE 802.3ad.
- Enabling of RSF.
- Enabling of RLMT for dual port adapters

To install this software,

Make sure Driver CD is in your DVD/CDROM drive. Locate the **SetupCPAwin.exe** file.

For 32-bit OS

(DriverCD:\Drivers\Ethernet_Drivers\AD2N1GPX4\Marvell_Yukon\Windows\NetworkUtility(CPA)\x86\SetupCPAwin_v5.64.2.3)

For 64-bit OS

(DriverCD:\Drivers\Ethernet_Drivers\AD2N1GPX4\Marvell_Yukon\Windows\NetworkUtility(CPA)\x86\SetupCPAwin_v6.20.1.3)

1. Execute **SetupCPAwin**.
2. Follow the instructions displayed during the installation procedure.

Verifying the installation

To verify the instructions

1. On the desktop right click on My Computer icon.
2. Select Manage.
3. In "Device Manager," select the Network adapter. If it shows **"Port A Marvell Yukon 88E8062 PCI-E IPMI Gigabit Ethernet Controller"**, and **"Port B Marvell Yukon 88E8062 PCI-E IPMI Gigabit Ethernet Controller"**, the drivers have started correctly.

The Marvell CPA utility can be access from the Control Panel:

Start > Settings > Control Panel (Classic View) > Marvell Network Control

For more information on the "Marvell CPA Utility" refer to the online help available for this program (click the HELP button when the program is running).

Technical Support

If you need assistance to get your unit functioning properly, please call Addonics Technical Support. Our technical staff will be happy to assist you, but they will need your help to do so. Calling the technical support staff without all the proper information can be both time consuming and frustrating. Here are some tips to help you out:

MODEL NUMBER – Please have this number on hand.

SYSTEM INFORMATION – Type of computer, peripherals, etc.

OPERATING SYSTEM – What version of Windows

WHAT'S THE TROUBLE? – Give enough information

about your problem so that we can recreate and diagnose it.

FREE Software Drivers for all Addonics Technologies Products are available 24 hours per day at the World Wide Web Site: www.addonics.com

Contact Information

Phone: 408-573-8580

Fax: 408-573-8588

Email: <http://www.addonics.com/sales/query/>

Internet: <http://www.addonics.com>

TECHNICAL SUPPORT

Phone: 408-453-6212

Hours: 8:30 am - 6:00 pm PST

Email: <http://www.addonics.com/support/query/>