M.2 INTEL I210 2-Port Gigabit Network Card



USER Manual
EN ver2.0

Description

This M.2 Intel I210 2-port Gigabit Network card is a single port, compact, low power component that supports GbE designs, it supports compliant with the IEEE802.3u specification for 10/100Mbps Ethernet and the IEEE802.3ab specification for 1000Mbps Ethernet, it can be used for server system such as rack mounted or pedestal servers, another system configuration is for blade servers as a LOM or mezzanine card, it can also be used in embedded application such as network appliances

Specification

- Support existing CAT-5 UTP cabling with automatic crossover detection
- Fully compliant with PCI-Express Base Specification Revision1.1
- Single-Lane(x1) PCI-Express with throughput up to 2.5Gbps
- Hardware interface: M.2 B+M Key
- Fully Plug and Play compatible
- Complies with the IEEE802.3ab, IEEE802.3u and IEEE802.3 specifications
- Half duplex at 10/100Mbp operation and full duplex operation at all supported speeds
- Chipset: WGI210AT
- Layer 2 functions: IEEE 802.3x Flow Control - IEEE 802.1q VLAN
- Supports Receive-side scaling (RSS)
- Supports IPv4, IPv6 protocols
- Supports Jumbo Frames up to 9K
- Supports Checksum offloading
- Drivers for Win7 / Win8 / Win10 / Vista / Sever2008 / Sever 2012 / Linux / DOS

Package content

- 1 x M.2 Intel I210 Gigabit network adapter-main card
- 1 x 8-Pin RJ45 cable
- 1 x User's Manual

- 1 x CD
- 1 x Low profile bracket

System Requirements

- Windows〇,R7,8 and 10 32/64bit
- Windows server2003,2008, and 2012 32/64bit
- Linux, DOS
- One available M.2 M KEY slot with PCI Express protocol

Hardware installation

1. Turn off your computer and all external devices connected to it.
2. Open the computer case. Refer to your computer user manual for more details
3. Find an available M.2 slot and remove the slot bracket, Save the bracket screw for later use.
4. Insert the main card to the M.2 slot firmly and evenly, take care not to force it into the slot. Once you have properly positioned the main card into the slot, secure it with the screw you have just saved.
5. Find an empty expansion slot on the back panel of the computer case and remove the metal bracket. Save the bracket for later use.
6. Place the bracket of the RJ45 cable on the expansion slot on the back panel and secure it with the bracket screw you have just saved.
7. Connect the system to network by inserting the CAT-5 or above cable into RJ45 Port.
8. Secure the computer case and Connect POWER cable switch on your computer.

Install Drivers and software

Windows○,R Operating Systems

You must have administrative rights to the operating system to install the drivers.

1. insert the CD driver bound with Intel network driver into your CD-ROM drive(also you can download the latest drivers from support website):
2. if the Found New Hardware Wizard screen is displayed, click **Cancel**
3. start the autorun located in the software package, the autorun may automatically start after you have extracted files.
4. Click **install Drivers and Software**
5. Follow the instructions in the install wizard to finish it

Installing Linux Drivers from Source Code

1. Download and expand the base driver tar file.
2. Compile the driver module
3. Install the module using the modprobe command
4. Assign an IP address using the ifconfig command

Support

More information and settings, please refer to the Intel Adapter User Guides or you can contact us.