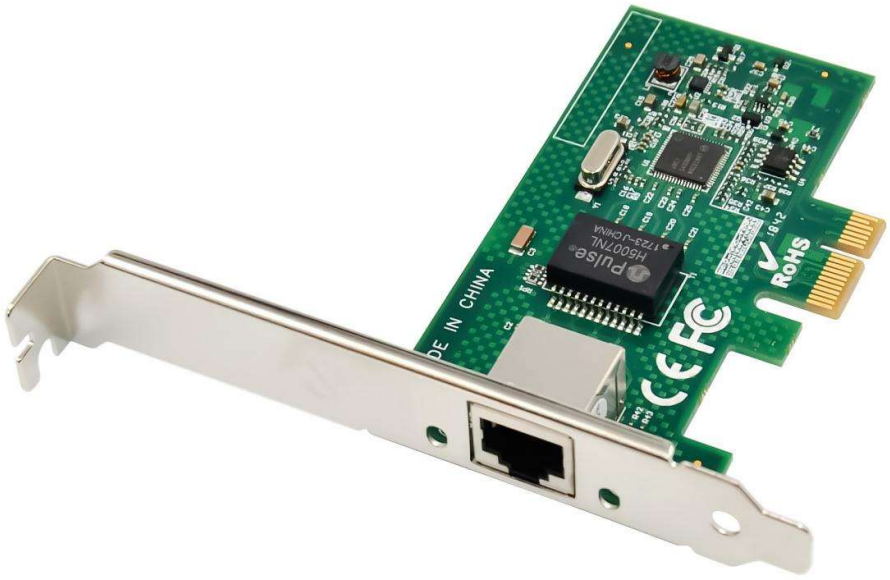
# PCIe 10/100/1000M Server Network card I210AT




**P/N.: MC-PCIEX1-I210-T1-S**

USER Manual

EN ver2.0

## Description

PCI Express 1X Network adapter specially designed and it adopts Intel a high performance Gigabit network controller WGI210AT. By providing unparalleled features of virtualization, flexible features, and proven reliable performance, it solves the high requirements of the generation data center, it has Single 1Gps RJ45 port which can setup a long-distance link with a file server or a remote workstation.

## Specification

- PCI-Express 2.1 form factor- 1 x 2.5Gbps line
- Complies with Single- port 1GbE RJ45 port
- 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: Intel WGI210AT
- Layer 2 functions: IEEE 802.3x Flow Control - IEEE 802.1q VLAN
- Supports Receive-side scaling (RSS)
- Supports IPv 4, IPv 6 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 PCIe Gagibit Network card Intel I210AT
- 1 x User's Manual
- 1 x CD
- 1 x Low profile bracket
- ~~Accessories~~

## System Requirements

- FreeBSD, Linux , VMWare ESXi, Win7/ Win-server2012/ Win-server2008/ Win8/Win8.1/Win-server2016/win10
- Available PCI Express x4/x8/x16 slot

## Cabling Requirements:

**Intel 1 Gigabit adapters**

- For 1000BASE-T or 100BASE-TX.use Category 5 or Category5e wiring, twisted 4-pair copper:
  - Make sure you use Category 5 cabling that complies with the TIA-568 wiring specification For more information on this specification.
  - Length is 100 meters max.
  - Category 3 wiring supports only 10Mbps

  **CAUTION: If using less than 4-pair cabling, you must manually configure the speed and duplex setting of the adapter and the link partner. In addition,with2-and3-pair cabling the adapter can only achieve speeds of up to 100Mbps**
  - For 100BASE-TX.use Category 5 wiring.
  - For10BASE-T.use Category 3 or 5wiring

## Hardware installation

1. Turn off the computer and unplug the power cord
2. Remove the computer cover and the adapter slot cover from the slot that matches your adapter
3. Insert the adapter edge connector into the slot and secure the bracket to the chassis
4. Replace the computer cover ,then plug in the power cord
5. Power on the computer

## Install Drivers and software

### Windows®, 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.