

PCIe Intel I350AM4 Quad-RJ45 Gigabit Server Card



P/N.: SE-LGI350A-4BT
USER Manual
EN ver2.0

Description

The new Intel® Ethernet Server Adapter I350 family builds on Intel's history of excellence in Ethernet products. Intel continues its market leadership with this new generation of PCIe* GbE network adapters. Built with the bridgeless Intel® Ethernet Controller I350, these adapters represent the next step in the Gigabit Ethernet (GbE) networking evolution for the enterprise and data center by introducing new levels of performance through industry-leading enhancements for both virtualized and iSCSI Unified Networking environments. This new family of adapters also includes new power management technologies such as Energy Efficient Ethernet (EEE) and DMA Coalescing (DMAC).

Specification

- Halogen-free dual- or quad-port Gigabit Ethernet adapters with copper or fiber interface options
- Innovative power management features including Energy Efficient Ethernet (EEE) and DMA Coalescing for increased efficiency and reduced power consumption
- Flexible I/O virtualization for port partitioning and quality of service (QoS) of up to 32 virtual ports
- Scalable iSCSI performance delivering cost-effective SAN connectivity
- High-performing bridgeless design supporting PCI Express* Gen 2.1 5GT/s
- Reliable and proven Gigabit Ethernet technology from Intel Corporation

Controller	Intel NHI350AM4
Transmission Rate Per Port	10/100/1000 Mbps
Network Standard Physical Layer Interfaces	10BASE-T Cat3/4/5/5E/6:100m most
	100BASE-Tx Cat5/5E/6:100m most
	1000BASE-T Cat5E/6:100m most
Jumbo Frame Support	Up to 9.5 KB
Operating Temperature	0 °C to 55 °C (32 °F to 131 °F)
Boot Option and Virtualization	PXE support, Intel® VT-c
LED Indicators	1000Mbps: Yellow and Green Blinking
	100Mbps: Green and Green Blinking, 10Mbps: Not illuminate
Power Supply	PCI Express +12V●8% / +3.3V●9%
SYSTEM SUPPORT	Windows Server 2003 / 2008 /2008 R2 / 2012 /2012 R2 /2016 R2
	Windows XP / Vista / 7 / 8 / 8.1 / 10
	Linux Stable Kernel version 2.4.x / 2.6.x / 3.x / 4.x or later
	Linux SLES 10 / 11 or later

Package content

- 1 x PCIe Network card
- 1 x User's Manual
- 1 x CD Driver
- 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, with 2-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):
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.