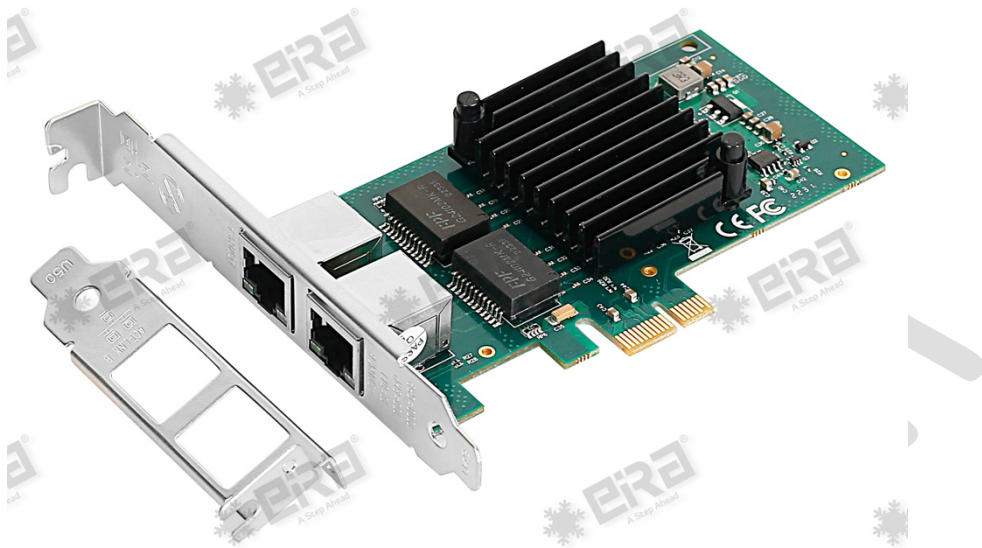


PCIe x1 to 2-Port Gigabit Lan Card (Intel i350-T2 Chipset) (ER3028)



Product Overview:

The Intel i350 Ethernet Card is a high-performance network interface card designed to provide reliable and efficient network connectivity for enterprise and data center environments. Utilizing the advanced Intel i350 chipset, this Ethernet card supports Gigabit Ethernet speeds, ensuring fast data transfer and robust network performance. Available in both dual-port (i350-T2) and quad-port (i350-T4) configurations, it offers enhanced manageability, scalability, and energy efficiency. The card features PCI Express v2.1 compatibility and is equipped with small form factor support, making it suitable for a wide range of system setups. With extensive operating system support, including Windows, Linux, FreeBSD, and VMware, the Intel i350 Ethernet Card integrates seamlessly into various IT infrastructures, delivering superior virtualization capabilities, advanced security features, and reliable network performance.

Product Highlights:

- PCI-Express host interface specification v2.1 with 5GT/s BUS width
- PCI-Express interface: x4
- Onboard with Quad 1GbE RJ45 port
- Complies with the IEEE802.3ab, IEEE802.3u and IEEE802.3 specifications.
- Half duplex at 10/100Mbps operation and full duplex operation at all supported speeds
- 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 9.5K
- Supports UDP, TCP and IP Checksum offloading.
- Statistics for management and RMON
- Support for virtual machines device queues
- Next Generation VMDq Support (8VMs)
- Interrupt throttling control to limit maximum interrupt rate and improve CPU usage.
- Chipset: ASM1806&NHI350AM2*2
- Drivers support for FreeBSD, Linux, VMWare ESXi, Win7/ Win-server2012/ Win-server2008/ Win8/Win8.1/Win-server2016/win10/Win11

Technical Specifications:

Brand	EIRA
SKU Code	ER3028
Product model	PCIe x1 to 2-Port Gigabit Lan Card (Intel i350-T2 Chipset)
Chipset	Intel i350-T2
Transmission Medium	Copper UTP
Form Factor	Plug-in Card with Small Form Factor Support
Small/Low Profile Bracket	Provided
Boot Option and Virtualization	PXE support, Intel® VT-c
LED Indicators	1000Mbps: Link Yellow+ Green blinking 100Mbps: Green and Green Blinking, 10Mbps: Not illuminate
Power Supply	PCI Express +12V/+3.3V
Power Dissipation (Max)	2.0W
PCIe Specification Revision	PCI Express v2.1 (5.0GT/s)
Input Bus Interface	PCI Express x1 - Compatible with x1/x4/x8/x16 slots
Output Interface	2 x RJ45
Data Transfer Rate per port	Dual-port Gigabit (1000Mbps)
Cable Type	1000Base-T Cat 5E / Cat6 Or Higher: Up to 100m 100Base-Tx Cat5/Cat 5E/ Cat6 Or Higher: Up to 100m 10Base-T Category 3/4/5/5E/6 Or Higher: Up to 100m
Jumbo Frame Support	Up to 9.5 K

System supported	Windows 7/8/8.1/10/11/ XP/ Vista Windows Server 2003 /2008 /R2/2012 /R2/2016 /R2 Novell Netware 5.x/6.x or later Linux kernel version 2.4.x/2.6.x/3.x/4.x or later FreeBSD 7/8/9 or later Sun Solaris 9/10/11 or later VMware ESX/ESXi 4.x/5.x/6.x or later
Dimensions	108 x 69 x 18 mm
Weight	110 gms
Warranty*	1 year
Technical Parameters	
Ethernet power management	Yes
IEEE* 802.3 adaptive	Yes
Support adaptation rate	10BASE-T, 100BASE-TX, 1000BASE-T
IEEE Standard / Network topology	IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3u 100base-TX, IEEE 802.3 az, IEEE 802.1Q VLAN IEEE 802.1ad
PCI-SIG * SR-IOV Support	Yes
Jumbo frame Support	Yes
VMDq	Yes
DPDK Support	Yes
PXE Support	Yes
iSCSI Support	Yes
WOL Support	Yes
FCoE Support	No
Environmental Parameters	
Operating Temperature	0 °C to 55 °C (32 °F to 131 °F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Storage humidity	35% to 90%, non-condensing

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

1. You must have administrative rights to the operating system to install the drivers.
2. Insert the CD driver bound with Intel network driver into your CD-ROM drive (also you can download the latest drivers from [support website](#))
3. If the Found New Hardware Wizard screen is displayed, click Cancel.
4. Start the autorun located in the software package, the autorun may automatically start after you have extracted files.
5. Click install Drivers and Software
6. 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 User manual or you can contact us.

For Technical support, please contact our team on number +91-8800692207, on working days, from Monday to Saturday, between 11AM to 5:30PM

You may also check this link for all support options.

<https://eiratek.com/customer-support/>