Sunrich Technology

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N-440

PCIe 10G Intel X550 NBASE-T Dual RJ-45 Network Adapter

Sunrich Technology is the leading manufacturer of I/O connectivity products for desktops, notebooks, and tablets.

The 10G NBase-T Network Adapter Card provides dual-port connectivity that allows a server or desktop computer to join a network in your business or datacenter with ease. The network card incorporates Intel's patented technologies to offer a low cost, high-performance, and low power solution. The 10G Nbase-T Network Adapter Card connects directly into your PCIe x16, x8, or x4 slot on your motherboard and is compatible with Windows, ESXi and Linux operating systems. This card is ideal for intensive data environments and cost-conscious users alike.

Key Features:

- Unified networking delivering LAN, iSCSI and FCoE over 10GBASE-T
- Low Cost, Low Power, 10G/5G/2.5G/1G/100M performance in a low profile PCIe form factor
- IEEE 802.3an 10G, 1G and 100M over up to 100m of Cat6a (or better) cables
- NBASE-T Alliance draft specification 5G and 2.5G over up to 100m of Cat5e (or better) cables (Linux only)
- PCI Express Gen-3 x4 Host Bus interface with up to 8.0 GT/s
- Flexible I/O virtualization for port partitioning and quality of service (QoS) of up to 64 virtual ports
- Intel® Ethernet Flow Director for hardware-based application traffic steering

Specifications

Chipset	• Intel X550-AT2
Interface	• PCI Express Rev 3.0 Specification (8 GT/s)
Connectors	• 2x RJ45
Enhancements	• Microsoft Scalable Networking • Low Latency (< 4 µS) • 2 RJ45 Ports
Ethernet & Media Support	• Full IEEE Std 802.3an compliant • NBASE-T compliant (in Linux only) • 10G/5G/2.5G/1G/100M auto negotiation support (2.5G/5G in Linux only) • Jumbo frame support (9K) • Up to 20Gbps bandwidth (full duplex) • Flexible I/O for QoS up to 64 virtual ports • Network virtualization stateless offload: VXLAN and NVGRE

System Compatibility:

- Windows® Server 2012R2, Server 2012, Server 2008R2, Windows® 7/8/8.1/10,
- Linux 2.6.24 and later
- VMware® 5.x/6.x/Hyper-V

Warranty:

- 2 years limited