



N-4220 - 10GbE Dual Port Server Adapter, PCI Express x8, 2 x SFP+

Product Highlights

- Low Latency package processing
- Low-Profile PCI
- Fiber Channel over Ethernet support (FCoE)
- SFP+ Interface for fiber SX/LX SFP+ Transceiver

Features

- Dual 10 GbE
- Low-Profile PCIe V2.0 x8 PCI Express Interface @ 2,5/5.0 Gbps
- High Performance descriptor Architecture with pre-fetching and support of variable length list elements
- TCP, UDP and IP checksum offload (IPv4 and IPv6)
- Efficient Direct Memory Access
- LSO/LSOv2 large send offload
- Active State Power Management (ASPM) supports (L0s, L1)
- Receive-Side Scaling (RSS)
- FC-CRC Calculation for FCoE packets
- Interrupt moderation
- Virtualization support
- Jumbo Frame support (up to 9216 bytes)
- Wake on LAN (WoL) power management support
- Configurable wake events
- Advanced Power Management ACPI 2.0 compliant
- VLAN support, on chip VLAN tag insertion, removal and packet filtering for up to 4096 VLAN tags
- MAC Address replacement and alternate MAC Addresses
- IP Tunneling

Standard Compliances

- IEEE 802.3
- IEEE 802.3ae (10 GbE over fiber)
- IEEE 802.3aq (10 GbE over multimode fiber cable)
- IEEE 802.3ak (10 GbE over Twin-Axial Cable)



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Driver

- x86: Windows Vista & server 2008
- x64: Windows Vista & server 2008
- x86: Windows 7
- x64: Windows 7
- Linux v2.6.28 and higher
- VMWare ESX Server v3.5 and higher
- SPARC and x86: Solaris

EMC

- FCC Class A

Environment Specifications

- Storage: -20°C to +70°C, 30% to 80% relative humidity (non-condensing)
- Operating: -0°C to +50°C, 10% to 95% rel. humidity (non-condensing)

ROHs

- Compliant with EN 2002/95/EU

Warranty

- 2 years

Order Numbers

- 100-000-800-001

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