

Product Specification

Gigabit Ethernet Networking Server Adapter, Dual SFP ports, 1000base-T

MT-i350-S2

KEY FEATURES

- Halogen-free quad-port Gigabit Ethernet adapters with fiber interface
- Innovative power management features including 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



MAIN TECHNICAL PARAMETERS

- Applicable network type: Gigabit Ethernet
- Transmission rate: 1000Mbps
- Bus type: PCI-E X4
- Speed and slot width: 5.0 GT/s, X4 Lane
- Network interface type: SFP
- Transmission media type: Optical fiber
- LED indicator: 2
- Field of application: Server
- Main Controller: Intel i350AM2
- Operating Temperature: 0-55centigrade, Operating Humidity: 85%,
- Storage Temperature: -20-65centigrade, Storage Humidity: 85%
- DOS, Novell ODI; Windows XP 32-bit (64-bit); Windows Server 2003 32-bit (64-bit); Windows Vista 32-bit (64-bit) ; Windows 7 32-bit (64-bit); Windows 8 32-bit (64-bit) ; Windows 8.1 32-bit (64-bit) ; Windows Server 2008 32-bit (64-bit) ; Windows Server 2008 R2 32-bit (64-bit) ; Windows Server 2012; Windows Server 2012 R2; Linux 2.4 series kernel、 2.6.x、 3.x; FreeBSD 7.x and most of the versions; UnixWare / Open Unix 8; Sun Solaris x86; VMware

OTHER TECHNICAL PARAMETERS

- NC connector: Yes
- Jumbo Frame: Yes
- 1000Base-X: Yes
- On-chip QoS and flow control: Yes
- Flexible port partitioning: Yes

- Virtual Machine Device Queue (VMDq): Yes
- Support PCI-SIG- SR-IOV: Yes
- Intel Virtualization Technology for Connectivity (VT-c) (Intel Connection virtualization technology) VMDq, SR-IOV
- Switch dependent: 802.3ad (LACP), Generic trunking (GEC/FEC)
- MACsec IEEE 802.1 AE : Yes
- Intel Data Direct I/O Technology Yes

PRODUCT SELECTION

Part Number	Product Description
MT-i350-S2	Gigabit Ethernet Networking Server Adapter (2*10/100/1000Base-X), 2x SFP ports, optical, Intel i350 based

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