

AOC-STG-I2T-AO

Supermicro® AOC-STG-I2T Comparable 10Gbs Dual RJ-45 Port 100m PCIe 2.0 x8 Network Interface Card

Features

- Dual-port 10GbE copper port adapters
- PCI Express (PCIe) v2.0, 5.0 GT/s, x8 lanes
- PXE, iSCSI, FCoE boot
- RJ45 connectivity
- Network Virtualization
- IEEE 802.3an/ab and 10G Ethernet Specification Compliance
- Low Profile and Full-Height bracket



Product Description

This is a Supermicro® AOC-STG-I2T comparable 10-Gigabit Ethernet PCIe 2.0 x8 network interface card with dual RJ-45 ports that comply with IEEE 802.3 standards. It is based on an Intel X540 chipset and is compatible with a variety of different applications and operating systems, including Windows, Linux and Unix-like systems.

Providing 10Gbs of network speed, it fully supports high-end servers and various other networking applications. In addition, this card supports high level VLAN filtering. The dual RJ-45 ports operate over copper patch cable, allowing for an operating distance of 100m. This product includes both half-height and full-height brackets. Our network interface cards are 100% compliant, and offer a cost effective solution for all of your network upgrade needs. With our certification test program, we guarantee your product will work right the first time.

Network Interface Card Specifications

Parameter	Server Network Card
Connector	10G RJ45 Copper
IEEE Standard/Network Topology	10000BASE-T
Cabling Distance	RJ-45 Category-6 up to 55 m; Category-6A up to 100 m
Data Rate Supported Per Port	10000 Mbps
Bus Type	PCI-E x8
Compatible OEM	Supermicro®
Compatible OS	Windows Server 2012, Windows 7 (32 and 64 bit), Windows Server 2008 R2, Windows Small Business Server 2009, Windows 8.1 (32 and 64 bit), Windows Server 2008 Final (32 and 64 bit), Windows Server 2003 Final (32 and 64 bit), Windows 8 (32 and 64 bit), Windows Server 2012 R2 (64 bit), Linux Kernel 2.4.x, 2.6.x, and 3.x, FreeBSD 7.x or greater, Windows Vista Final (32 and 64 bit), Windows XP (and Pro) (32 and 64 bit)
Interrupt Levels	INTA, INTB, INTC, INTD, MSI, MSI-X
Bus Width	8-lane PCI Express; operable in x8 or greater slots
Hardware Certifications	FCC, CE
Controller - Processor	Intel® Ethernet Controller X540AT2
Number of Ports	2 Ports
Data Protocol	Ethernet
Power Consumption	Typical Power 14.0W; Maximum Power 16.0W
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	90% non-condensing relative humidity at 35°C
Connect Speed LED Indicators	Link/Activity LED: off = No Link; on = Link; Blinking = Activity
Full-height End Bracket	12.07 cm (4.755 inches)
Low-profile End Bracket	8 cm (3.15 inches)
Packing Specification	18x15x3cm (7.08x5.9x1.18 inches)

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



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