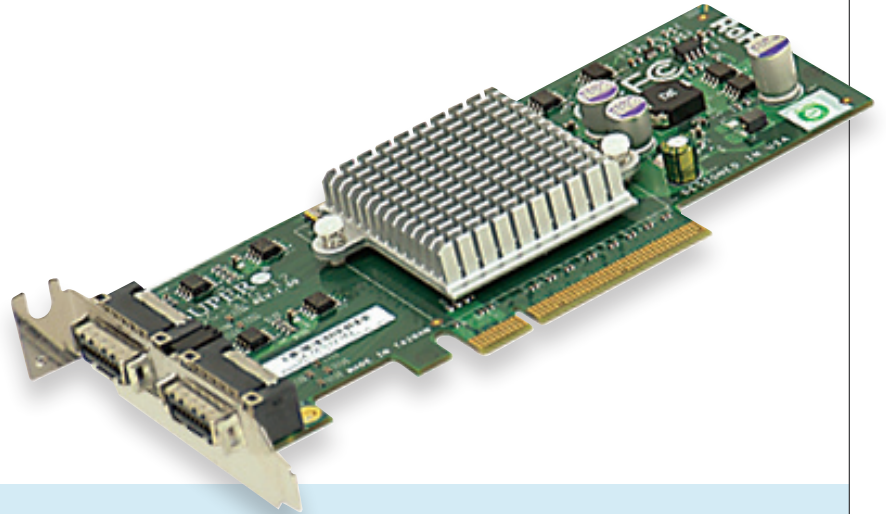


### The Lowest Cost Per-Port and Energy-Efficient 10 Gigabit Adapter

The AOC-STG-i2 is an excellent choice for customers who are looking to increase network bandwidth without significant added costs. The most cost effective and energy efficient 10G adapter in the market is designed to enhance performance for multi-core environments, optimize for virtualization, and provide advanced features for unified storage.

#### Key Features

- Intel® 82598EB Dual-port Controller
- Dual CX4 Connectors
- Standard Low-profile PCI-E x8
- 16 Virtual Machine Device Queues (VMDq)
- Intel® I/O Acceleration Technology (I/O AT)
- I/O Virtualization
- Energy-efficient Design
- iSCSI Boot
- RoHS Compliant 6/6
- OS Support: Windows®, Linux, VMWare



#### Specifications

- Dual-port Intel® 82598EB with two CX4 connectors
- PCI-E x8 Standard Low-profile Half-length
- Intel® I/O Acceleration Technology (I/OAT) for improved CPU utilization
- Low-latency interrupts
- 16 Virtual Machine Device queues (VMDq) for virtualized environments
- Direct Cache Access (DCA) to eliminate cache misses and reduce CPU load
- Tx/Rx, IP, TCP, and UDP checksum offloading (IPv4, IPv6) capabilities to increase throughput and lower processor utilization
- Preboot eXecution Environment (PXE) support
- Jumbo Frames support up to 9.5KB packets
- Intel® PROSet Utility for Windows® Device Manager to support network teaming
- Simple Network Management Protocol (SNMP) and Remote Network Monitoring (RMON) statistics counters
- Energy-efficient design (maximum 6.5W power dissipation)
- RoHS Compliant 6/6
- Supports CX4 copper cable up to 15m or Intel® Connects Cable (optical cable) up to 100m
- OS Support: Windows®, Linux, VMWare
- Operating temperature: 0-55°C
- Storage humidity: 90% non-condensing relative humidity at 35°C
- Dimension: 5.56" (141.2mm) x 2.19" (55.6mm) L x H (without brackets)

#### Compliance/Environmental

- RoHS Compliant 6/6, Pb Free



#### Supported Platforms

- Motherboards with minimum one PCI-E x8 slot
- Server Systems with low-profile or full-height PCI-E x8 expansion slot

*Please note that this product is only available to OEM customers and is sold as integrated solution with Supermicro server systems*

For the most current product information, visit:

[www.supermicro.com](http://www.supermicro.com)