

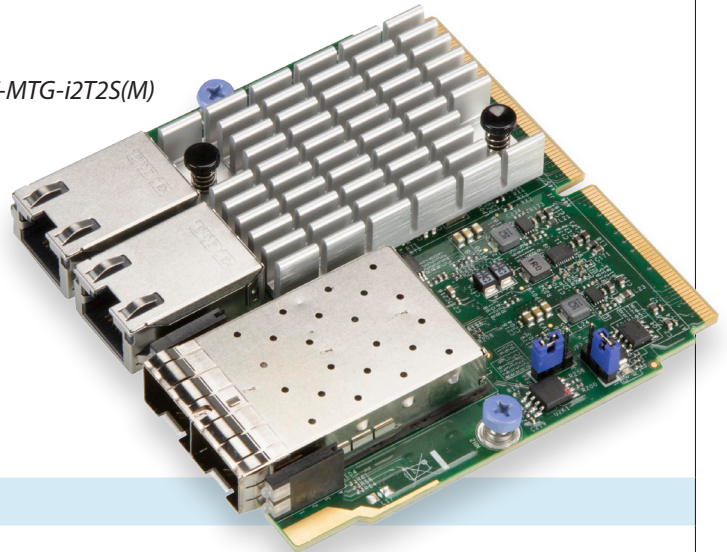
The Most Versatile SIOM 4-port 10Gb Network Adapter

The Supermicro® AOC-MTG-i2T2S(M) is one of the most flexible and scalable 4-port 10Gb network solutions in the market. Based on Intel® X710-TM4 controller, it is designed to support a mixed network interface – 2x RJ45 and 2x SFP+ connectors, with performance enhancing features and power management technologies. With SIOM form factor, this controller fulfills the needs of flexible networking options in a small footprint and allows capability to monitor the system remotely through built-in NC-SI feature.

Key Features

- Super I/O Module (SIOM) Form Factor
- Intel® X710-TM4 Ethernet Controller
- 4x 10Gbps ports: 2x RJ45 and 2x SFP+ connectors
- Network Virtualization: VXLAN and NVGRE
- Energy Efficient Ethernet (EEE)
- Intel® Ethernet Flow Director
- Data Plane Developer Kit for efficient packet processing (DPDK)
- Asset Management Features
- NC-SI for Remote Management
- Supports RJ-45 Category 6 and 6A cables
- Supports both Direct Attach Copper and Fiber Cables
- RoHS compliant 6/6

AOC-MTG-i2T2S(M)



Specifications

- **General**
 - Super I/O Module (SIOM) Form Factor
 - Intel® X710-TM4 controller
 - 2x RJ45 and 2x SFP+ connectors with speed up to 10Gbps per port
 - **Networking Features**
 - IEEE 802.3ad, 802.1AX Link Aggregation
 - IEEE 1588 Time Stamping
 - IEEE 802.1Q VLAN
 - MSI and MSI-X support
 - Intel® Flow Director
 - Jumbo Frames (up to 9.5KB)
 - IEEE 802.3x Flow Control
 - Teaming support
 - Checksum Offload (IPv4/IPv6, SCTP, TCP, UDP, Tx/Rx)
 - **Virtualization Features**
 - Virtual Machine Devices queues (VMDq)
 - Single-Root I/O Virtualization (SR-IOV)
 - VLAN
 - VXLAN and NVGRE
 - GENEVE
 - **Management Features**
 - Asset Management support with thermal sensor
 - NC-SI for remote management
 - PXE remote boot
 - iSCSI remote boot
 - **Power Savings**
 - ACPI compliant power management
 - PCI Express Active State Power Management (ASPM)
 - Energy Efficient Ethernet (IEEE 802.3az)
 - **OS Support**
 - Windows® Server
 - Linux RHEL
 - Linux SLES
 - Linux Ubuntu
 - Linux CentOS
 - FreeBSD
 - VMware
 - **Cable Support**
 - SFP+ direct attach twin-axial copper cables up to 7m
 - Fiber-optic cables (with required optional SFP+ transceivers)
 - RJ-45 Category-6 up to 55m; Category-6A up to 100m
 - **Power Consumption**
 - Maximum: 10W
 - **Operating Conditions**
 - Storage temperature: -40°C to 70°C (-40°F to 158°F)
 - Storage humidity: 90% non-condensing relative humidity at 35°C
 - **Physical Dimensions**
 - Card PCB dimensions: 92mm (3.62in) x 87.1mm (3.43in) (W x D)
 - **Supported Platforms:**
 - Supermicro® motherboards with Super I/O Module slot
 - Supermicro® server systems with Super I/O Module slot

See SIOM Compatibility Matrix online: http://www.supermicro.com/support/resources/AOC/AOC_Compatibility_SIOM.cfm
- Please note that this product is sold only as part of an integrated solution with Supermicro server systems*

Available SKUs

Product Part Number	Bracket Included	Description
AOC-MTG-i2T2S	BKT-0112L	4-port 10GbE adapter with a swappable bracket for 2U+ chassis (Storage Systems)
AOC-MTG-i2T2SM	BKT-0113L	4-port 10GbE adapter with an internal bracket for 1U chassis (Twin Systems)