Supermicro® Advanced I/O Modules (Aiom) are the latest form factor designed to provide a wide range of networking options as well as other I/O technologies. The AOC-ATG-i2T2SM 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.

**Key Features**
- Advanced I/O Module (Aiom) 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

**Specifications**

**General**
- Advanced I/O Module (Aiom) 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 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
- VXN and NVGRE
- GENEVE

**Management Features**
- Asset Management support with thermal sensor
- NC-SI for remote management
- Preboot eXecution Environment (PXE)
- 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®
- Linux RHEL
- Linux SLES
- Linux Ubuntu
- Linux CentOS
- FreeBSD
- VMware

**Cable Support**
- SFP+ direct attach twin-axial copper cables up to 5m
- 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: 76mm x 115mm (W x D)

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**Available SKUs**

<table>
<thead>
<tr>
<th>Product Part Number</th>
<th>Bracket Included</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOC-ATG-i2T2SM</td>
<td>BKT-0176L</td>
<td>4-port 10 Gigabit Ethernet Adapter with a 0.5U height bracket</td>
</tr>
</tbody>
</table>

Please note that this product is sold only as part of an integrated solution with Supermicro server systems.

For the most current product information, visit:

www.supermicro.com