

AOC-ATGL-I4TM and AOC-ATGL-I4TG

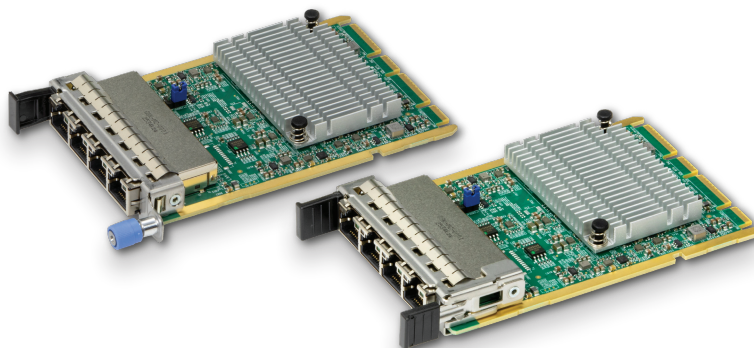


Supermicro Quad-Port 10Gb Ethernet AIOM Adapter

The Supermicro AOC-ATGL-I4TM and AOC-ATGL-I4TG are quad-port 10Gb Ethernet AIOM adapters based on the Intel® Ethernet Controller E610-XAT2. These adapters provide reliable 10GBASE-T connectivity with power-optimized performance, integrated security, and virtualization support for data center and edge environments.

Key Features:

- Advanced I/O Module (AIOM) Form Factor
- Intel® E610-XAT2 Ethernet Controller
- Quad-port 10GBASE-T (RJ45) connectivity
- Support for 10GbE, 1GbE, 100Mb
- Network Virtualization: VXLAN and NVGRE
- Energy Efficient Ethernet (EEE)
- Intel® Ethernet Flow Director
- NC-SI for Remote Management (disabled by default)
- PLDM manageability
- Secure boot and SPDM-based device attestation
- RoHS compliant
- FCC Class A, FCC Class B



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Specifications

General:

- Advanced I/O Module (AIOM) Form Factor
- Intel® E610-XAT2 controller
- 4x RJ45 connectors with speed up to 10Gbps
- PCIe Gen4 x4 x4

Networking Features :

- Intel® Flow Director
- Checksum Offload (IPv4/IPv6, SCTP, TCP, UDP, Tx/Rx)

Virtualization Features:

- Virtual Machine Devices queues (VMDq)
- Single-Root I/O Virtualization (SR-IOV)
- VXLAN and NVGRE
- GENEVE

Management Features:

- NC-SI 1.2 (NC-SI Disabled by default)
- MCTP transport support
- PLDM for firmware management
- SPDM over MCTP

Stateless Offloads:

- TCP Segment Offload (TSO)
- UDP Segment Offload (USO)
- Large Segment Offload (LSO)
- Checksum Offload (TCP/UDP/IP)
- Large Receive Offload (LRO)
- Transmit Side Scaling (TSS)
- Receive Side Scaling (RSS)

Power Consumption:

- Maximum: 11W (Quad-port)

Operating Conditions:

- Storage temperature: -40°C to 70°C (-40°F to 158°F)
- Storage humidity: Maximum 90% non-condensing relative humidity at 35°C

Physical Dimensions:

- PCB dimensions: 76mm x 115mm (W x D)

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

Available SKUs

SKUs	Bracket Included	Description
AOC-ATGL-I4TM	BKT-0178L	4-port 10 Gigabit Ethernet Adapter with a 0.5U height bracket.
AOC-ATGL-I4TG	BKT-0225L	4-port 10 Gigabit Ethernet Adapter with a 0.5U height narrow bracket for Grand Twin Front IO