Supermicro A+ Servers
Outstanding Performance Drives Business Agility
H12 Generation A+ Servers

Choose from the most comprehensive line of servers, GPU and blade systems in the industry.

**Up to 64 cores/128 threads per socket with AMD EPYC™ 7002 series processors**

**Up to 32 DIMMs of DDR4-3200MHz memory for up to 8TB per system**

**Increased I/O throughput with PCI-E 4.0 and up to 128 lanes per socket**

**Hot-pluggable U.2 NVMe storage for better application responsiveness**

**3-Year Limited Warranty and 24-Hour Technical Support**
### Ultra
**Industry Leading IOPS, Energy Efficiency, and Flexibility**

<table>
<thead>
<tr>
<th>Feature</th>
<th>32 DIMM slots DDR4-3200MHz, up to 8TB</th>
<th>24/2x2.5&quot; NVMe U.2 in 2U/3U or 2x 2.5&quot; SATA drives</th>
<th>Up to 1200W/1600W Titanium Level</th>
</tr>
</thead>
</table>

### GPU System
**8 Direct-Attached PCI-E 4.0 GPUs**

<table>
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<tr>
<th>Feature</th>
<th>Dual Socket SP3, up to 280W TDP</th>
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<th>Single or dual Socket SP3, up to 225W TDP</th>
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<td>Flexible onboard XOM networking up to 10G Ethernet</td>
<td>Onboard 2x 10G Ethernet</td>
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<td>Drive Options</td>
<td>Up to 4x NVMe U.2 and 4x 2.5&quot; SATA drives</td>
<td>Up to 4x 1.5&quot; NVMe/SATA + 2x 2.5&quot; SATA or 3x 3.5&quot; SATA</td>
<td>Up to 4x 3.5&quot; SATA drives in 2U with SAS option</td>
</tr>
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</table>

### WIO
**Cost and Energy Efficiency For Data Center Environments**

<table>
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<th>Feature</th>
<th>Dual Socket SP3, up to 280W TDP</th>
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<th>Up to 20x 1-socket SuperBlade servers in 8U</th>
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<td>Up to 4 hot-pluggable NVMe/SAS/SATA and 2 M.2</td>
<td>Up to 1 double-wide or 2 single-wide GPUs per server</td>
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### Twin Systems
**Industry Leading Multi-Node Architectures**

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### Mainstream
**Efficient and Cost-Effective Designs For Mainstream Applications**

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<tr>
<th>Feature</th>
<th>Dual Socket SP3, up to 280W TDP</th>
<th>Single or dual Socket SP3, up to 225W TDP</th>
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### SuperBlade®
**High Density, Performance, and Efficient Resource-Saving Architecture**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Dual Socket SP3, up to 280W TDP</th>
<th>Single or dual Socket SP3, up to 225W TDP</th>
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</tr>
</tbody>
</table>
Optimized for highest processor TDPs

32 DIMM slots for up to 8TB

All hot-pluggable PCI-E 4.0 U.2 NVMe

HIGHEST PERFORMANCE A+ ULTRA SERVERS

Supermicro A+ Ultra systems are designed to deliver the highest performance, flexibility, scalability and serviceability to demanding IT environments, and to power mission-critical Enterprise workloads, including support for dual 2nd Generation AMD EPYC™ processors and 32 DIMMs of DDR4-3200MHz memory for up to 8TB of capacity.

- Uncompromised performance design with 2 CPU sockets and 32 memory slots optimized for supporting the highest processor TDPs
- Best-in-class storage features including all NVMe, optional SAS3, and low latency optimizations
- Vast networking and expansion possibilities with Ultra Riser cards

AS-1124US-TNRP

AS-2124US-TNRP

NEW!

INDUSTRY LEADING IOPS, ENERGY EFFICIENCY, AND FLEXIBILITY

A+ Ultra Servers are designed to deliver the highest performance, flexibility, scalability and serviceability to demanding IT environments, and to power mission-critical Enterprise workloads, including support for dual 2nd Generation AMD EPYC™ processors and 32 DIMMs of DDR4-3200MHz memory for up to 8TB of capacity.

- Uncompromised performance design with 2 CPU sockets and 32 memory slots optimized for supporting the highest processor TDPs
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AS-1124US-TNRP

AS-2124US-TNRP

NEW!
A+ Ultra Servers

Industry Leading IOPS, Energy Efficiency, and Flexibility

- Optimized for highest processor TDPs
- Hot-pluggable 3.5" SATA drive bays (SAS optional)
- Up to 4 low-profile GPUs on 2U system

HIGHEST PERFORMANCE A+ SERVERS
Supermicro A+ Ultra systems are designed to deliver the highest performance, flexibility, scalability and serviceability to demanding IT environments, and to power mission-critical Enterprise workloads, including support for dual 2nd Generation AMD EPYC™ processors and 2x200Wps of dual 200Wps of memory for up to 8TB of capacity.

- Uncompromised performance design with 2 CPU sockets and 32 memory slots optimized for supporting the highest processor TDPs
- Best-in-class server features including all NVMe, hybrid storage and low latency optimizations
- Vast networking and expansion possibilities with Ultra Riser cards

- Hot-pluggable 3.5" SATA drive bays (SAS optional)
- Optional support for SAS and SATA

- Up to 4 low-profile GPUs on 2U system

† Certain high TDP CPUs may be supported only under specific conditions. Please contact Supermicro Technical Support for additional information about specialized system optimization.
†† Full redundancy based on configuration and application load.
A+ GPU System
Maximum Acceleration for AI / Deep Learning and HPC

- Up to 8 full-height double-wide GPUs
- Direct-attach PCI-E 4.0 x16 CPU-to-GPU lanes
- Flexible AIOM/OCP 3.0 networking for up to 100G

MAXIMUM ACCELERATION A+ GPU SYSTEM
Supermicro A+ GPU system 4124GS-TNR is a new AMD EPYC based AI and Deep Learning platform designed to extract maximum performance and return of investment from standard PCI-E based GPUs. Supporting up to 8 double-wide or single-wide GPU cards, each CPU socket in the system provides four direct CPU-to-GPU PCI-E 4.0 x16 slots for lowest latency and highest bandwidth. An additional three PCI-E 4.0 x8 or two PCI-E 4.0 x16 slots are configurable for a variety of usage cases, including extra HPC networking connectivity or storage expansion opportunities.

Supermicro A+ GPU System 4124GS-TNR
- Up to 8 full-height double-wide GPUs
- Direct-attach PCI-E 4.0 x16 CPU-to-GPU lanes
- Flexible AIOM/OCP 3.0 networking for up to 100G

Form Factor
- 4U rackmount

Processor Support
- Dual Socket SP3 for AMD EPYC™ 7002 Series processors, up to 128 cores, up to 280W TDP

Memory Slots & Capacity
- 32 DIMM slots, DDR4-3200MHz; up to 8TB Reg. ECC

Expansion Slots
- 8 PCI-E 4.0 x16 and 3 PCI-E 4.0 x8 slots (default mode)
- 8 PCI-E 4.0 x16 and 2 PCI-E 4.0 x16 slots (SATA only mode)
- AIOM networking options (see page 23 for more details)
- Up to 160 PCI-E 4.0 lanes total (two processors installed)

Storage
- 4 hot-pluggable 2.5” SATA3 drive bays
- Up to 4 hot-pluggable 2.5” U.2 NVMe drive bays

I/O Ports
- 1 built-in VGA port
- 2 RJ45 1G Ethernet ports
- 2 USB 2.0 (header)

System Management
- Built-in server management tool (IPMI 2.0, KVM/media over LAN) with dedicated LAN port
- 8 heavy duty fans w/ Optimal Fan Speed Control

Power Supply
- Redundant (2+2) 4x 2000W Titanium Level PSUs

Learn More
MAXIMUM ACCELERATION A+ GPU SYSTEM
Supermicro A+ GPU system 4124GS-TNR is a new AMD EPYC based AI and Deep Learning platform designed to extract maximum performance and return of investment from standard PCI-E based GPUs. Supporting up to 8 double-wide or single-wide GPU cards, each CPU socket in the system provides four direct CPU-to-GPU PCI-E 4.0 x16 slots for lowest latency and highest bandwidth. An additional three PCI-E 4.0 x8 or two PCI-E 4.0 x16 slots are configurable for a variety of usage cases, including extra HPC networking connectivity or storage expansion opportunities.
**A+ WIO Servers**

Industry’s Widest Variety of I/O Optimized Servers

- Best single-socket I/O configurability with 8 or 16 DIMMs
- Up to 10 U.2 NVMe and dual onboard 10GbE
- Redundant high-efficiency Platinum Level power supplies

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**AS-1114S-WN10RT**

**Form Factor**
- 1U rackmount
- 1U rackmount
- 1U rackmount

**Processor Support**
- Single Socket SP3 for AMD EPYC™ 7002 Series processors, up to 64 cores, up to 280W TDP
- Single Socket SP3 for AMD EPYC™ 7002 Series processors, up to 64 cores, up to 280W TDP
- Single Socket SP3 for AMD EPYC™ 7002 Series processors, up to 64 cores, up to 280W TDP

**Memory Slots & Capacity**
- 8 DIMM slots, DDR4-3200MHz; up to 2TB Reg. ECC
- 8 DIMM slots, DDR4-3200MHz; up to 2TB Reg. ECC
- 16 DIMM slots, DDR4-3200MHz; up to 4TB Reg. ECC

**Expansion Slots**
- 2 PCI-E 4.0 x16 (FHHL) slots
- 1 PCI-E 4.0 x16 (LP) slot
- 2 PCI-E 4.0 x16 (FHHL) slots
- 1 PCI-E 4.0 x16 (LP) slot
- 2 PCI-E 4.0 x16 (FHHL) slot
- 1 PCI-E 4.0 x16 (LP) slot

**Storage**
- 10 hot-pluggable 2.5”  SATA3 drive bays
- 2 M.2 NVMe/SATA3 slots
- Optional 4 hot-pluggable NVMe PCI-E 4.0 x4 U.2 drive bays via additional kit for NVMe devices

**I/O Ports**
- 2 RJ45 10G Ethernet ports
- 1 built-in VGA port
- 7 USB 3.0 ports (4 rear, 2 front, 1 Type A)
- 2 RJ45 10G Ethernet ports
- 1 built-in VGA port
- 7 USB 3.0 ports (4 rear, 2 front, 1 Type A)
- 2 RJ45 10G Ethernet ports
- 1 built-in VGA port
- 7 USB 3.0 ports (4 rear, 2 front, 1 Type A)

**System Management**
- Built-in server management tool (IPMI 2.0, KVM/media over LAN with dedicated LAN port)
- Built-in server management tool (IPMI 2.0, KVM/media over LAN with dedicated LAN port)
- Built-in server management tool (IPMI 2.0, KVM/media over LAN with dedicated LAN port)

**Power Supply**
- Redundant 500W Platinum Level PSUs
- Redundant 500W Platinum Level PSUs
- Redundant 750W Platinum Level PSUs

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Supermicro A+ WIO systems offer a wide range of I/O options to deliver truly optimized systems for specific requirements. Users can optimize the storage and networking alternatives to achieve a higher performance, increase efficiency and the perfect fit for their applications. In addition to enabling customizable configurations and optimization for multiple application requirements, A+ WIO servers also provide attractive cost advantages and investment protection.

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**Learn More**
Leading Multi-node Architectures

- Highly configurable 2U 4-node systems
- 2-socket with 16 DIMMs or 1-socket with 8 DIMMs per node
- Flexible storage and I/O options including NVMe/SATA3 and SIOM networking

NO-COMPROMISE 2U 4-NODE ARCHITECTURE

Bigbox is the 5th generation in the Supermicro Twin Family with a multitude of innovations and engineering breakthroughs. Historically multi-node systems traded off features and capacity for higher density. They were deployed for workloads that did not require the highest performance or the highest memory density on a single node.

TwinPro systems are designed for simplified deployment and maintenance, and assembled with the highest quality to ensure continuous operation even at maximum capacity. Customers in high-end enterprise, data center, HPC, and Cloud Computing environments receive the greatest competitive advantage from data center resources with the Supermicro TwinPro.

Key Features

- Highly configurable 2U 4-node systems
- 2-socket with 16 DIMMs or 1-socket with 8 DIMMs per node
- Flexible storage and I/O options including NVMe/SATA3 and SIOM networking

Form Factor

- 2U 4-node rackmount

Processor Support

- Single Socket SP3 for AMD EPYC™ 7002 Series processors
  - Up to 64 cores, up to 225W TDP†
- Dual Socket SP3 for AMD EPYC™ 7002 Series processors
  - Up to 128 cores, up to 225W TDP†

Memory Slots & Capacity

- 8 DIMM slots per node, DDR4-3200MHz, up to 2TB Reg ECC
  - 16 DIMM slots per node, DDR4-3200MHz, up to 4TB Reg ECC
- 32Gx4 4.8 x 16 (2SP) slot per node
  - 64Gx4 4.8 x 16 (2SP) slot per node

Expansion Slots

- 2 PCI-E 4.0 x16 (LP) slot per node

Storage

- 3 hot-pluggable 3.5" SATA3 drive bays per node
  - 4 M.2 NVMe/SATA3 slots per node
- 6 hot-pluggable 2.5" SATA3 drive bays per node
  - 1 M.2 NVMe/SATA3 slot per node

I/O Ports (per node)

- Flexible SIOM networking options (see page 23)
  - 1 built-in VGA port
  - 2 USB 3.0 ports (rear)

System Management

- Built-in server management tool (IPMI 2.0, KVM/media over LAN) with dedicated LAN port per node

System Cooling

- 4 heavy duty fans w/ Optimal Fan Speed Control

Power Supply

- Redundant 2000W Titanium Level PSUs
- Redundant 2200W Titanium Level PSUs

† Certain CPUs with high TDP may be supported only under specific conditions. Please contact Supermicro Technical Support for additional information about specialized system optimization.

Learn More
A+ Mainstream

Versatile Entry-Level Servers for Mainstream Applications

MAINSTREAM APPLICATION OPTIMIZED

The A+ Mainstream Application Optimized product family from Supermicro is a series of servers designed for entry level or volume selections. Enterprise IT Managers can choose the exact model for their applications, with a precise set of integrated features needed for their applications.

**Form Factor**
- 1U rackmount
- 2U rackmount
- 4U rackmount / tower

**Processor Support**
- Single Socket SP3 for AMD EPYC™ 7002 Series processors, up to 64 cores, up to 225W TDP †
- Dual Socket SP3 for AMD EPYC™ 7002 Series processors, up to 128 cores, up to 225W TDP †

**Memory Slots & Capacity**
- 8 DIMM slots, DDR4-3200MHz; up to 1TB/2TB†† Reg. ECC
- 16 DIMM slots, DDR4-3200MHz; up to 2TB/4TB†† Reg. ECC

**Expansion Slots**
- PCI-E 3.0 x16 (FH/HL) slot
- 3 PCI-E 3.0 x16 (low profile)
- 3 PCI-E 3.0 x8 (low profile)
- 2 PCI-E 3.0 x16 slots
- 3 PCI-E 3.0 x8 slots

**Storage**
- 4 hot-pluggable 3.5" SATA3 drive bays
- Optional 8 hot-pluggable SATA/SAS3 drive bays on-board Broadcom 3008 IR mode
- 1 M.2 NVMe slot
- 8 hot-pluggable 3.5" SAS3/SATA3 drive bays

**I/O Ports**
- 2 RJ45 1G Ethernet ports
- 1 built-in VGA port
- 3 USB 3.0 ports, 2 USB 2.0 ports
- 2 RJ45 2.5G Ethernet ports
- 3 USB 3.0 ports, 1 USB 2.0 port
- 3 PCI-E 3.0 x8 ports, 1 USB 3.0 port
- 3 peripheral 5.25" drive bays
- 4 rear USB ports

**System Management**
- Built-in server management tool (IPMI 2.0, KVM/media over LAN with dedicated LAN port)
- Built-in server management tool (IPMI 2.0, KVM/media over LAN with dedicated LAN port)
- Built-in server management tool (PMEM 2.0, KVM/media over LAN with dedicated LAN port)

**System Cooling**
- 4x 40x28mm 4-pin PWM fans
- 3 heavy-duty PWM fans with fan speed control
- 5 hot-swappable system fans

**Power Supply**
- Redundant 400W Platinum Level PSUs
- Redundant 740W Platinum Level PSUs
- Redundant 1280W Platinum Level PSUs

† AMD EPYC 7002 Series drop-in support requires board revision 1.x.†† Up to 32 Cores (Board revision 1.x = 7001 Processors), up to 64 Cores (Board revision 2.x = 7002 Processors).†‡ Requires 10GBase-T support. 10GbE up to 128 Cores with additional 4 ports. Up to 4TB of memory options.

H11DSI E-ATX Serverboard

(Optimized for the tower system shown on the left and can be purchased separately)

† AMD EPYC 7002 series drop-in support requires board revision 2.x, up to 32 Cores (Board revision 1.x = 7001 Processors), up to 64 Cores (Board revision 2.x = 7002 Processors).†‡ Requires 10GBase-T support. 10GbE up to 128 Cores with additional 4 ports. Up to 4TB of memory options.

H11DSI E-ATX Serverboard

(Optimized for the tower system shown on the left and can be purchased separately)
A+ SuperBlade®

Performance and Density Optimized Resource Saving Architecture

- Up to 20 hot-pluggable nodes in 8U
- Highest density GPU platform for AI and Deep Learning
- Integrated HPC fabrics for up to 100G EDR InfiniBand

RESOURCE SAVING ARCHITECTURE

A shared cooling, power and networking infrastructure is key to the high density and server efficiency offered by blade solutions. Supermicro high performance, density optimized and energy efficiency SuperBlade® can significantly reduce capital and operational expenses for many organizations. In particular, Supermicro’s new generation blade product portfolio has been designed to optimize key components of TCO for today’s datacenters, such as free-air cooling, power efficiency, node density and networking management.

Form Factor
- Up to 20 nodes in one 8U enclosure
- Up to 20 nodes in one 8U enclosure
- Up to 20 nodes in one 8U enclosure

Processor Support
- Single Socket SP3 for AMD EPYC™ 7002 Series processors, up to 64 cores, up to 280W TDP at 35°C
- Single Socket SP3 for AMD EPYC™ 7002 Series processors, up to 64 cores, up to 280W TDP at 35°C
- Single Socket SP3 for AMD EPYC™ 7002 Series processors, up to 64 cores, up to 225W TDP at 35°C

Memory Slots & Capacity
- 8 DIMM slots, DDR4-3200MHz; up to 2TB Reg. ECC
- 8 DIMM slots, DDR4-3200MHz; up to 2TB Reg. ECC
- 8 DIMM slots, DDR4-3200MHz; up to 2TB Reg. ECC

Expansion Slots
- 1 PCI-E 4.0 x16 Mezzanine card slot for optional high-performance networking options
- 1 PCI-E 4.0 x16 Mezzanine card slot for optional high-performance networking options
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- 1 PCI-E 4.0 x16 Mezzanine card slot for optional high-performance networking options

Storage
- 2 hot-pluggable 2.5” 2TB WD/SAS/SATA drive bays
- 2 hot-pluggable 2.5” 2TB WD/SAS/SATA drive bays
- 1 M.2 NVMe (PCI-E 4.0 x4)/SATA3 slot

I/O Ports
- 2x 25G Ethernet ports
- 2x 25G Ethernet ports
- 2x 25G Ethernet ports

System Management
- IPMI 2.0 Aspeed 2500 / KVM over IP / Redfish API / TPM 2.0 / Signed Firmware / HW Root of Trust
- IPMI 2.0 Aspeed 2500 / KVM over IP / Redfish API / TPM 2.0 / Signed Firmware / HW Root of Trust
- IPMI 2.0 Aspeed 2500 / KVM over IP / Redfish API / TPM 2.0 / Signed Firmware / HW Root of Trust

† Please refer to Blade CPU/GPU support matrix on our website: https://www.supermicro.com/en/products/superblade/matrix

Please refer to Blade CPU/GPU support matrix on our website: https://www.supermicro.com/en/products/superblade/matrix
### SuperBlade® Enclosures and Networking Options

**Blade server support**
- Up to 20 hot-pluggable half-height 1-socket blade servers
- 25G/10G/1G Ethernet switches
  - Up to 2 hot-pluggable 10G Ethernet switches
  - 2 hot-pluggable redundant 25G Ethernet switches for onboard dual-port 25GbE
  - Optional 2 hot-pluggable redundant 25G Ethernet switches for optional dual-port 25GbE Mezzanine card

**100G EDR InfiniBand**
- Single 100G EDR InfiniBand switch with add-on card
- 20x 100G EDR downlinks and 16x 100G EDR uplinks
- Compatible with SBE-820C

**AOC-IBH-X4ES (Mezz card)**
- Single-port 100G EDR InfiniBand Mezzanine card
- Compatible with all A+ blade servers

**10G Ethernet**
- MBM-XEM-100 (switch)
  - 20x 10/2.5/1G Ethernet downlinks
  - 4x 100G/40G QSFP28 Ethernet uplinks, each can split into 4x 25G/10G SFP28 uplinks with optional fan-out cables
- MBM-XEM-002 (switch)
  - 20x 10G/2.5G/1G Ethernet downlinks
  - 2x 40G QSFP+ and 4x 10G SFP+ Ethernet uplinks

**1G Ethernet**
- MBM-GEM-004 (switch)
  - 40x 1G Ethernet downlinks
  - 8x 1G and 4x 10G SFP+ Ethernet uplinks

**Chassis Management Module (CMM)**
- MBM-CMM-001
  - Standard CMM module with redundancy support
  - 2x 10/2.5/1G Ethernet downlinks
  - 2x 10G SFP+ and 4x 10G SFP+ Ethernet uplinks
- MBM-CMM-FIO
  - Upgrade version to support front I/O access ports on supported enclosures

**Power and cooling**
- SBE-820C/820J/820L: Enclosure with 8 hot-swappable 2200W Titanium Level (96% efficiency) power supplies
- SBE-820C/820J/820L: Enclosure with 6 hot-swappable 2200W Titanium Level (96% efficiency) power supplies + 2 hot-swappable cooling fans
- SBE-820C/820J/820L: Enclosure with 4 hot-swappable 2200W Titanium Level (96% efficiency) power supplies + 4 hot-swappable cooling fans

**Dimensions**
- 14" x 17.6" x 32"
- 14" x 17.6" x 32"
- 14" x 17.6" x 32"

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**SuperBlade® Options**

<table>
<thead>
<tr>
<th>Options</th>
<th>Models</th>
<th>[For enclosures]</th>
<th>[For servers]</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10G EDR InfiniBand</td>
<td>SBM-BS-10G (switch)</td>
<td>20x 10G EDR downlinks and 4x 10G SFP+ uplinks</td>
<td>Compatible with SBE-820C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AD2-8X-SFP (Mezz card)</td>
<td>Single-port 10G EDR InfiniBand Mezzanine card</td>
<td>Compatible with all A+ Blade servers</td>
<td></td>
</tr>
<tr>
<td>25G Ethernet</td>
<td>SBM-25G-100 (switch)</td>
<td>20x 25G Ethernet downlinks (backward compatible to 20x 10G)</td>
<td>Adapters, such as can split the 25G SFP+ uplinks with optional fan-out cables</td>
<td></td>
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<tr>
<td></td>
<td>AD2-5G-10G (Mezz card)</td>
<td>4x 10G SFP+ and 2x 10G SFP+ Ethernet uplinks</td>
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<tr>
<td></td>
<td>SBM-25G-P10 (pass-through)</td>
<td>Dual-port 25G Ethernet Mezzanine card</td>
<td></td>
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<tr>
<td>10G Ethernet</td>
<td>MBM-10X-100G (switch)</td>
<td>20x 10/2.5/1G Ethernet downlinks</td>
<td></td>
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<tr>
<td></td>
<td>MBM-10X-10G (Mezz card)</td>
<td>4x 10G SFP+ + 4x 10G SFP+ Ethernet uplinks</td>
<td></td>
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<tr>
<td>1G Ethernet</td>
<td>MBM-GEM-400 (switch)</td>
<td>40x 1G Ethernet downlinks</td>
<td></td>
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<tr>
<td></td>
<td>MBM-CMM-001</td>
<td>Standard CMM module with redundancy support</td>
<td></td>
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</tbody>
</table>
AOC-MGP-i2M AOC-MGP-i4M AOC-MTG-i2SM AOC-MTG-i4SM AOC-MTG-i2TM AOC-MTG-i4TM
2x GbE RJ45 4x GbE RJ45 2x 10GbE SFP+ 4x 10GbE SFP+ 2x 10GbE RJ45 2x 10GbE RJ45

AOC-MTG-b2TM AOC-MH25G-b2S2GM AOC-MH25G-m2S2TM AOC-MHIBF-m2Q2GM AOC-MHIBF-m1Q2GM AOC-MHIBE-m1CGM
2x 10GbE RJ45 2x 25GbE SFP28 & 2x GbE RJ45 2x 25GbE SFP28 & 2x 10GbE RJ45 2x FDR IB QSFP & 2x GbE RJ45 1x FDR IB QSFP & 2x GbE RJ45 1x EDR/100GbE QSFP28 & 1x GbE RJ45

SAS3 Host Bus Adapters in IT Mode

AOC-S3616L-L16iT AOC-S3216L-L16iT AOC-S3008L-L8e AOC-S3108L-H8iR-16DD AOC-S3108L-H8iR AOC-S3008L-L8i
• 16 internal ports
• 12Gb/s per port
• Low Profile
• 1024 SATA/SAS Drives

AOC-S3616L-L16iT AOC-S3216L-L16iT AOC-S3008L-L8e AOC-S3108L-H8iR-16DD AOC-S3108L-H8iR AOC-S3008L-L8i
• 8 internal ports
• 12Gb/s per port
• Low Profile
• 122 SATA/SAS Drives

AOC-S3616L-L16iT AOC-S3216L-L16iT AOC-S3008L-L8e AOC-S3108L-H8iR-16DD AOC-S3108L-H8iR AOC-S3008L-L8i
• 8 internal ports
• 12Gb/s per port
• Low Profile
• 240 SATA/SAS Drives

AOC-S3616L-L16iT AOC-S3216L-L16iT AOC-S3008L-L8e AOC-S3108L-H8iR-16DD AOC-S3108L-H8iR AOC-S3008L-L8i
• 8 internal ports
• 12Gb/s per port
• Low Profile
• 63 SATA/SAS Drives

SAS3 ADD-ON CARDS
Supermicro SAS3 add-on cards feature up to 16 internal SAS ports for high performance storage applications. It addresses the growing demand for increased data throughput and scalability requirement across the enterprise-class server platforms and drives cost effective storage solutions using SAS3 drives and maximizes performance and reliability with SAS3 drives.

Mini-SAS cables may be required to purchase separately. For more product information and technical specifications, please visit supermicro.com or scan the QR code on the right to retrieve the complete list of options and verify your system compatibility.

SAS3 RAID Adapters

Supermicro® Advanced I/O Module (AIOM) extends the OCP 3.0 specification with unique features such as thermal control, ability to support a wide range of networking options and a smaller size form factor, remote management, and quick and simple deployment.

For larger scale datacenter, AIOM provides improved mechanical and thermal designs (improved airflow) and increased scalability, allowing the AIOM modules to be mixed and/or replaced without opening the chassis. Many more AIOM options will be available, including 2x 10GbE, 4x 10GbE, 2x 100GbE SFP+, 4x 25GbE SFP28 & 2x 100GbE Ethernet and more.

SMBI NETWORKING
Supermicro® SMBI Module (SMBI) delivers up to 50% of I/O cost savings and freedom to select networking options from 1GbE to 100GbE through a Supermicro optimized form factor that is easy to scale, service and manage across a broad range of Supermicro server and storage systems. The SMBI also enables a higher degree of system integration and increased capacity by saving PCI-E slots that are traditionally needed for add-on cards.

Options and Accessories

NEW!

New!

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![Supermicro Advanced I/O Module (AIOM)](image)
![Supermicro SMBI Module (SMBI)](image)

Options and Accessories

NEW!

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