The IT Industry’s Highest Performing Twin Multi-Node System

Each node supports:
- Dual Intel® Xeon® Scalable Processors
- Up to 3TB DDR4 memory in 24 DIMM slots
- SIOM networking
- NVMe/SAS3/SATA3 options
- Redundant 2200W Titanium Level power supplies

**SIOM Networking Options**

<table>
<thead>
<tr>
<th>2x GbE RJ45</th>
<th>4x GbE RJ45</th>
<th>2x 10GbE SFP+</th>
<th>4x 10GbE SFP+</th>
<th>2x 10GbE RJ45</th>
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<tbody>
<tr>
<td>AOC-MGP-i2M</td>
<td>AOC-MGP-i4M</td>
<td>AOC-MTGN-i2SM</td>
<td>AOC-MTGI-4SM</td>
<td>AOC-MTG-i2TM</td>
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<tr>
<td>AOC-MH25G-b2S2GM</td>
<td>AOC-MH25G-m2S2TM</td>
<td>AOC-MHIF-m2Q2GM</td>
<td>AOC-MHIF-i1CM</td>
<td>AOC-MHIF-m1CGM</td>
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<tr>
<td>2x 25GbE SFP28 &amp; 2x GbE RJ45</td>
<td>2x 25GbE SFP28 &amp; 2x 10GbE RJ45</td>
<td>2x FDR IB QSFP &amp; 2x GbE RJ45</td>
<td>1x 100G Omni-Path QSFP28</td>
<td>1x EDR IB/100GbE QSFP28 &amp; 1x GbE RJ45</td>
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</tbody>
</table>

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November 2017
4 DP Nodes in 2U
2.5" Drive Bays: SYS-2029BT-HNR/HNCOR/HTR
3.5" Drive Bays: SYS-6029BT-HNCOR

2 DP Nodes in 2U
2.5" Drive Bays: SYS-2029BT-DNCOR/DNR
3.5" Drive Bays: SYS-6029BT-DNCOR

Key Applications
- Hyperscale and Hyperconverged Solutions
- Compute Intensive Application
- Enterprise Server
- Data Center
- HPC

Outstanding Features
- 4 dual-processor nodes in 2U
- 24 DIMMs per node
- Hot-swap U.2 NVMe
- 2 M.2 slots SATA3 or NVMe per node
- 2 low-profile PCIe x16 slots per node
- 1 SIOM card per node

Processor Support
Dual Intel® Xeon® Scalable Processors with QPI up to 10.4 GT/s per node

Serverboard
SUPER® X11DPT-B

Chipset
Intel® C621 chipset

Memory Support
Up to 3TB ECC 3DS RDIMM/LRDIMM, DDR4 up to 2666MHz, in 24 DIMM slots per node

Expansion
2 PCI-E 3.0 x16 (LP) slots and 1 SIOM card support per node
Note: Must bundle with a networking card when ordering

Onboard Storage Controller
- 2029BT-HNR: NVMe
- 2029BT-HTR: Intel® C621 SATA3 (6 Gbps) controller; RAID 0,1,5,10
- 6029BT-HNCOR: Broadcom 3008 SAS3 (12Gbps) controller; IT mode

Drive Bays
- 2029BT-HNR: 6 hot-swap 2.5" NVMe drives per node
- 2029BT-HTR: 6 hot-swap 2.5" SATA3 drives per node
- 6029BT-HNCOR: 6 hot-swap 2.5" SAS3/SATA3 drives (4 of 6 supports NVMe) per node
- 6029BT-HNCOR: 3 hot-swap 3.5" NVMe/SAS3/SATA3 drive bays per node

Connectivity
SIOM Networking

Onboard VGA
Aspeed AST2500 BMC per node

Management
IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® 5, Watchdog

Power Supply
Redundant 2200W Titanium Level high-efficiency power supplies with 12C & PMBus™

Cooling System
4x 8cm heavy duty PWM fans with air shroud

Form Factor
2U Rackmount

* Please check with your Supermicro sales representative and website for compatibility and configuration details.
All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.