

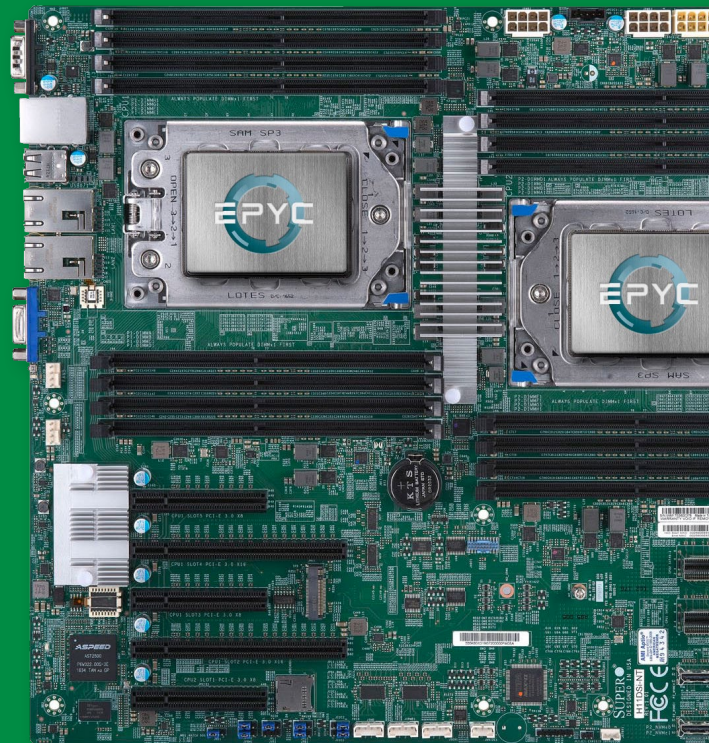


New Generation **A+ Solutions**



*BigTwin
Ultra
SuperServers
Motherboards*

EPYC Supercharged



AMD
EPYC

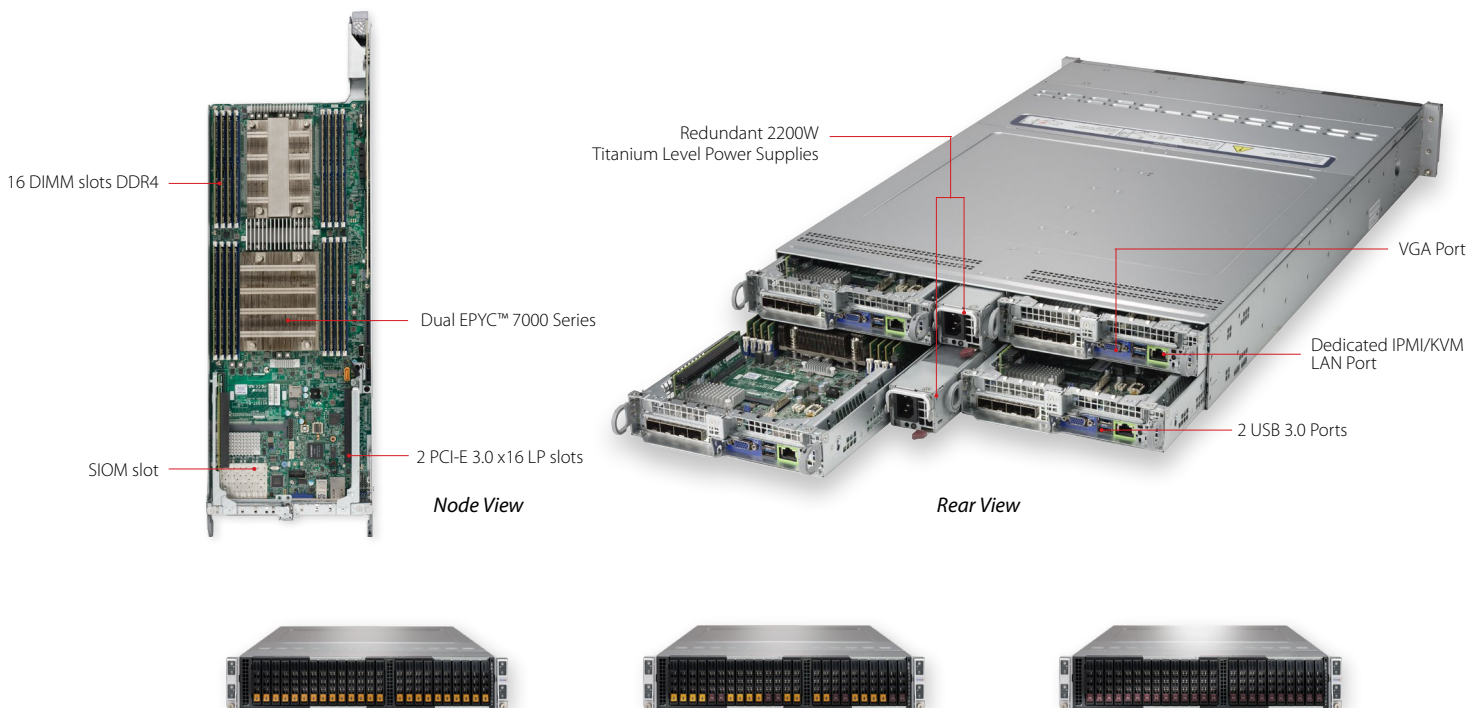
www.supermicro.com/epyc

November 2017

BigTwin™

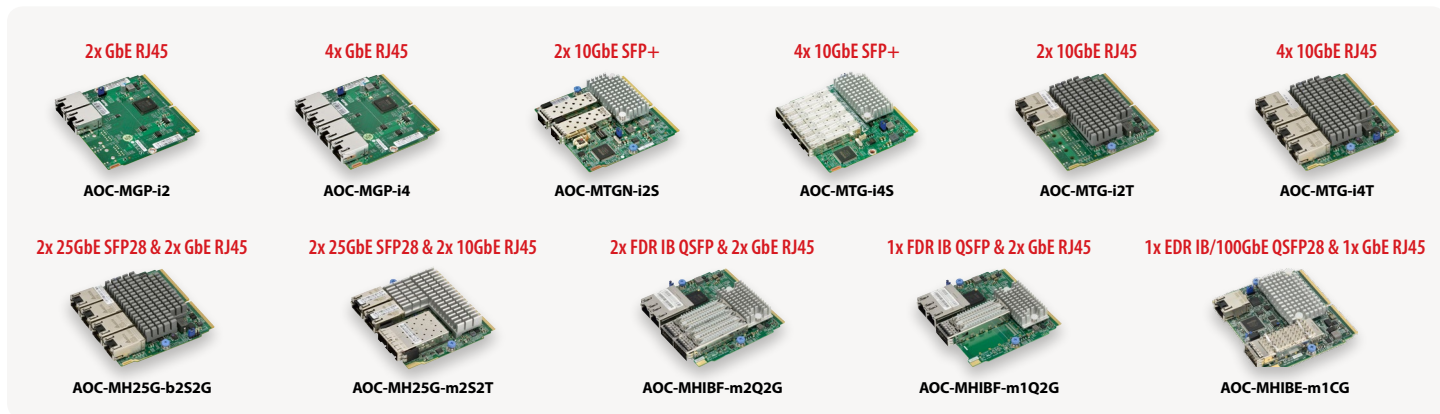
No-compromise 2U 4-node Twin architecture

Each node supports • Dual EPYC™ 7000 Series • Up to 2TB DDR4 memory in 16 DIMM slots • 2 PCI-E 3.0 x16 LP slots
• SIOM networking • *NVMe*/SAS3/SATA3 options • Redundant 2200W Titanium Level power supplies



Model	All-Flash NVMe AS-2123BT-HNR	Hybrid NVMe/SAS3/SATA3 AS-2123BT-HNC0R	SATA3 Model AS-2123BT-HTR
Form Factor	2U rackmount	2U rackmount	2U rackmount
Drive Bays	6 hot-swap U.2 <i>NVMe</i> drives per node	6 hot-swap 2.5" SAS3/SATA3 drives (4 of 6 supports <i>NVMe</i>) per node	6 hot-swap 2.5" SATA3 drives per node

SIOM Networking Options



Ultra

Industry leading IOPS, energy efficiency and flexibility

- Dual EPYC™ 7000 Series • Up to 4TB DDR4 memory in 32 DIMM slots • **NVMe**/SAS3 options
- 25G/10G/1G Ethernet options • Redundant Titanium Level power supplies



Model	AS-1123US-TR4/TN10RT	AS-1023US-TR4	AS-2123US-TN24R25	AS-2023US-TR4
Form Factor	1U rackmount	1U rackmount	2U rackmount	2U rackmount
Drive Bays	• -TR4: 10x 2.5" hot-swap SATA3 or 8 SATA3 + 2 NVMe drive bays (optional) • -TN10RT: 10 hot-swap U.2 NVMe drive bays (as shown in picture above)	4x 3.5" hot-swap SATA3 drive bays (optional 4 NVMe supported)	24 hot-swap U.2 NVMe drive bays	• 12x 3.5" hot-swap drive bays • Optional 4 NVMe/SATA3 hybrid ports (as shown in picture above)
Expansion Slots	• 2 PCI-E x16 (FH/HL 9.5") slots • 1 PCI-E x8 (LP) slot	• 2 PCI-E x16 (FH/HL 9.5") slots • 1 PCI-E x8 (LP) slot	N/A	• 2 PCI-E x16 (FH/FL) slots • 4 PCI-E x8 (FH/HL) slots • 1 PCI-E x8 (LP) slot
Connectivity	• -TR4: Quad GbE RJ45 ports • -TN10RT: Dual 10GbE RJ45 ports	Quad GbE RJ45 ports	Dual 25G SFP28 Ethernet ports	Quad GbE RJ45 ports
Power Supply	Redundant 1000W Titanium Level	Redundant 1000W Titanium Level	Redundant 1600W Titanium Level	Redundant 1600W Titanium Level

SuperServers

- Dual EPYC™ 7000 Series • 16 DIMM slots DDR4 • Dual 10GbE
- Single EPYC™ 7000 Series • 8 DIMM slots DDR4 • Dual GbE



AS-4023S-TRT

- 2 PCI-E 3.0 x16 and 3 PCI-E 3.0 x8 slots
- 8x 3.5" hot-swap SAS3/SATA3 (optional 2x **NVMe** drive bays) and 2x 5.25" peripheral drive bays
- 1x M.2 **NVMe** slot
- Redundant 1280W Platinum Level power supplies
- Tower/4U rackmount



AS-1013S-MT/MTR

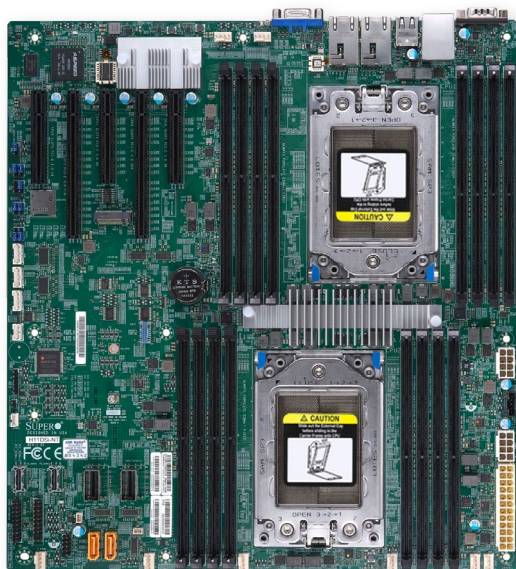
- 1 PCI-E 3.0 x16 slot
- 4x 3.5" hot-swap SATA3 drive bays and 1x M.2 **NVMe** slot
- **-MT**: 350W Platinum Level power supply
- **-MTR**: Redundant 400W Platinum Level power supplies
- 1U rackmount



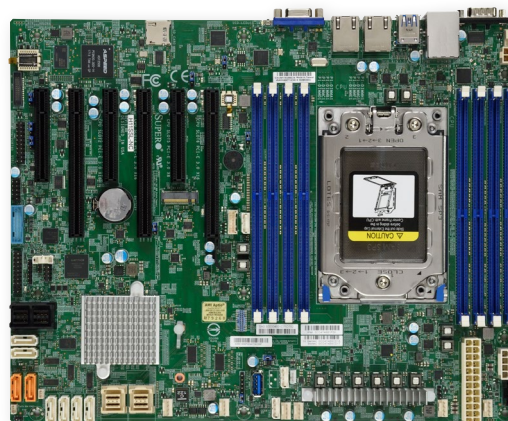
AS-2013S-TR

- 2 PCI-E 3.0 x16 and 4 PCI-E 3.0 x8 LP slots
- 8x 3.5" hot-swap SATA3 drive bays and 1x M.2 **NVMe** slot
- Redundant 720W Platinum Level power supplies
- 2U rackmount

Dual EPYC™ 7000 Series EATX



Single EPYC™ 7000 Series ATX



Model	H11DSi / H11DSi-NT		H11SSL-i / H11SSL-C / H11SSL-NC		
Form Factor	EATX		ATX		
Processor Support	Dual AMD EPYC™ 7000 Series processors (Socket SP3)		Single AMD EPYC™ 7000 Series processor (Socket SP3)		
Memory Support	16 DDR4-2666 DIMM slots		8 DDR4-2666 DIMM slots		
Max Memory	2TB		1TB		
Expansion Slots	• 3 PCI-E 3.0 x8 slots • 2 PCI-E 3.0 x16 slots		• 3 PCI-E 3.0 x16 slots • 3 PCI-E 3.0 x8 slots		
Storage Interfaces	• 10 SATA3 ports • 2 SATA DOM ports • 1 M.2 NVMe slot	-NT: • 10 SATA3 ports • 2 SATA DOM ports • 1 M.2 NVMe slot • 2 NVMe	-i: • 16 SATA3 ports • 1 M.2 NVMe slot • 2 SATA DOM ports	-C: • Broadcom SAS3008 supporting 8 SAS3 drives • 8 SATA3 ports • 1 M.2 NVMe slot • 2 SATA DOM ports	-NC: • Broadcom SAS3008 supporting 8 SAS3 drives • 8 SATA3 ports • 2 NVMe ports • 1 M.2 NVMe slot • 2 SATA DOM ports
Networking Interfaces	• Dual Gigabit Ethernet RJ45 ports • -NT: Dual 10G Ethernet RJ45 ports		Dual Gigabit Ethernet RJ45 ports		
Onboard Video	1 VGA port via ASpeed AST2500 BMC		1 VGA port via ASpeed AST2500 BMC		
USB Ports	• 2 USB 3.0 ports (rear) • 4 USB 2.0 ports (2 rear + 2 via header)		• 5 USB 3.0 ports (2 rear + 2 via header + 1 Type A) • 4 USB 2.0 ports (2 rear + 2 via header)		
Other Onboard I/O	• 1 COM port • 2 SATA DOM power connectors • 1 TPM 1.2 header		• 1 COM port • 2 SATA DOM power connectors • 1 TPM 1.2 header		



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