



A+ Servers

AMD EPYC™ 7000 Series Supported

THINKMATE
HIGH PERFORMANCE COMPUTING



1U Ultra Server



2U Ultra Server



DP Tower/4U Server



UP Server

Support up to:

- **64 cores/128 threads** supported per node
- **4TB** DDR4 memory in 32 DIMM slots
- **128** PCI-E 3.0 lanes per node
- Hot-swap **NVMe**/SAS3/SATA3 drive bays and M.2 slots
- **100G/40G/25G/10G/1G** Ethernet
- Redundant **Titanium Level** digital power supplies
- 4 dual 180W CPU nodes in a 2U system

nvm
EXPRESS

12Gb/s

AMD
EPYC

www.supermicro.com

June 2017



Ultra
1U 2.5" Drive Bays



Ultra
1U 3.5" Drive Bays



Ultra
2U 24 NVMe



Ultra
2U 3.5" Drive Bays



Model	AS -1123US-TR4 AS -1123US-TN10RT	AS -1023US-TR4	AS -2123US-TN24R25	AS -2023US-TR4
Processor Support	Dual AMD EPYC 7000 Series SoC (Socket SP3)	Dual AMD EPYC 7000 Series SoC (Socket SP3)	Dual AMD EPYC 7000 Series SoC (Socket SP3)	Dual AMD EPYC 7000 Series SoC (Socket SP3)
System Memory (Max.)	Up to 4TB ECC Registered, DDR4-2666MHz in 32 DIMM slots	Up to 4TB ECC Registered, DDR4-2666MHz in 32 DIMM slots	Up to 4TB ECC Registered, DDR4-2666MHz in 32 DIMM slots	Up to 4TB ECC Registered, DDR4-2666MHz in 32 DIMM slots
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 Gigabit LAN ports -TN10RT: Dual 10GBase-T LAN ports	Quad Gigabit LAN ports	Dual 25GbE LAN ports	Quad Gigabit LAN ports
Storage	-TR4: 10x 2.5" hot-swap SATA3 or 8 SATA3 + 2 NVMe drive bays (optional) -TN10RT: 10 hot-swap U.2 NVMe drive bays	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 4 NVMe/SATA3 hybrid ports (optional)
Power Supply	Redundant 1000W Titanium Level	Redundant 1000W Titanium Level	Redundant 1600W Titanium Level	Redundant 1600W Titanium Level
	Configure & Buy	Configure & Buy	Check Thinkmate.com	Configure & Buy

A+ Servers Shipping Soon



DP Tower/4U Server



UP
1U 3.5" Drive Bays



UP
2U 3.5" Drive Bays



Model	AS -4023S-TR	AS -1013S-TR	AS -2013S-TR
Processor Support	Dual AMD EPYC 7000 Series SoC (Socket SP3)	Single AMD EPYC 7000 Series SoC (Socket SP3)	Single AMD EPYC 7000 Series SoC (Socket SP3)
System Memory (Max.)	Up to 2TB ECC Registered, DDR4-2666MHz in 16 DIMM slots	Up to 1TB ECC Registered, DDR4-2666MHz in 8 DIMM slots	Up to 1TB ECC Registered, DDR4-2666MHz in 8 DIMM slots
Expansion Slots	2 PCI-E x16 slots 3 PCI-E x8 slots	1 PCI-E x16 slot	2 PCI-E x16 slots 4 PCI-E x8 (LP) slots
Connectivity	Dual Gigabit LAN ports	Dual Gigabit LAN ports	Dual Gigabit LAN ports
Storage	8x 3.5" hot-swap SAS3/SATA3 drive bays 2x 5.25 peripheral drive bays 1 M.2 NVMe SSD supported	4x 3.5" hot-swap SATA3 drive bays 1 M.2 NVMe SSD supported	8x 3.5" hot-swap SATA3 drive bays 1 M.2 NVMe SSD supported
Power Supply	Redundant 1280W Platinum Level	Redundant 400W Platinum Level	Redundant 720W Platinum Level



DP Tower/4U Server



**UP
1U 3.5" Drive Bays**



**UP
2U 3.5" Drive Bays**



Model	AS -4023S-TR	AS -1013S-TR	AS -2013S-TR
Processor Support	Dual AMD EPYC 7000 Series SoC (Socket SP3)	Single AMD EPYC 7000 Series SoC (Socket SP3)	Single AMD EPYC 7000 Series SoC (Socket SP3)
System Memory (Max.)	Up to 2TB ECC Registered, DDR4-2666MHz in 16 DIMM slots	Up to 1TB ECC Registered, DDR4-2666MHz in 8 DIMM slots	Up to 1TB ECC Registered, DDR4-2666MHz in 8 DIMM slots
Expansion Slots	• 2 PCI-E x16 slots • 3 PCI-E x8 slots	1 PCI-E x16 slot	• 2 PCI-E x16 slots • 4 PCI-E x8 (LP) slots
Connectivity	Dual Gigabit LAN ports	Dual Gigabit LAN ports	Dual Gigabit LAN ports
Storage	• 8x 3.5" hot-swap SAS3/SATA3 drive bays • 2x 5.25 peripheral drive bays • 1 M.2 NVMe SSD supported	• 4x 3.5" hot-swap SATA3 drive bays • 1 M.2 NVMe SSD supported	• 8x 3.5" hot-swap SATA3 drive bays • 1 M.2 NVMe SSD supported
Power Supply	Redundant 1280W Platinum Level	Redundant 400W Platinum Level	Redundant 720W Platinum Level

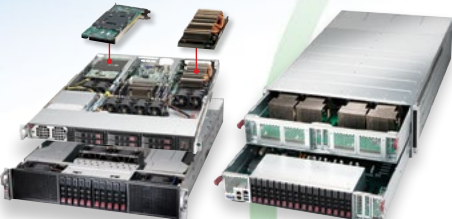
BigTwin™



4 DP Nodes in 2U,
24x 2.5" NVMe/SAS3/SATA3 drives

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8U SuperBlade®
Up to 20 DP/10 MP
Nodes



3U/6U MicroBlade
0.05/0.1/0.2U MicroBlade Servers in 3U/6U



2U Simply Double
All Flash NVMe or SAS3
2.5" or 3.5" drive bays



FatTwin™
8/4 Nodes in 4U
Front or Rear I/O

Comprehensive Server, Storage and Networking Product Lines
Optimized for IT, Datacenter, Embedded, HPC and Cloud Computing



Worldwide Headquarters:

Super Micro Computer, Inc.
980 Rock Ave.
San Jose, CA 95131, USA
Tel: +1-408-503-8000
Fax: +1-408-503-8008
E-mail: Marketing@Supermicro.com

Follow us on



Europe Subsidiary:

Super Micro Computer, B.V.
Het Sterrenbeeld 28, 5215 ML,
's-Hertogenbosch, The Netherlands
Tel: +31-73-640-0390
Fax: +31-73-641-6525
E-mail: Marketing@Supermicro.nl

U.S. East Coast Office
525 Washington Blvd., 20th Floor
Jersey City, NJ 07310
Tel: +1-201-256-4308.
Fax: +1-201-825-8878
E-mail: Marketing@Supermicro.com

Asia Subsidiary:

Super Micro Computer, Inc. (Taiwan Office)
3F., No.150, Jian 1st Rd., Zhonghe Dist.,
New Taipei City 23511, Taiwan
Tel: +886-2-8226-3990
Fax: +886-2-8226-3991
E-mail: Marketing@Supermicro.com.tw

Supermicro Science & Technology Park
No.1899, Xingfeng Road, Bade City,
Taoyuan County 334, Taiwan
Tel: +886-2-8226-3990
Fax: +886-2-8226-3991
E-mail: Marketing@Supermicro.com.tw

China Subsidiary:

Super Micro Computer, Inc. (Beijing Office)
Suite 1208 JiaHua Building D
Shangdi, Haidian District, Beijing
China 100085
Tel: +86-10-62969165
E-mail: Marketing@Supermicro.com

Super Micro Computer, Inc. (Shanghai Office)
Room 1604, No 398, North Caoxi Road,
HuiZhi Building, Xuhui District, Shanghai
China 200030
Tel: +86-21-61152558
Tech Support: +86-21-61152556
E-mail: Marketing@Supermicro.com

Supermicro Japan

S-7F N.E.S Bldg., 22-14, Sakuragaoka-cho,
Shibuya-Ku, Tokyo, 150-0031 Japan
Tel: +81-3-5728-5196
FAX: +81-3-5728-5197
Tech Support: japanservice@supermicro.com
E-mail: Marketing@Supermicro.com



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MKT-0002-06/2017-3.8

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