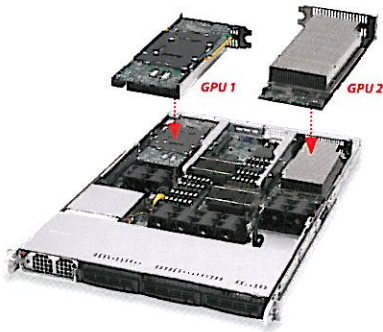
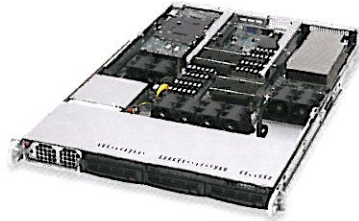


SUPERMICRO® GPU Supercomputing Server Solutions

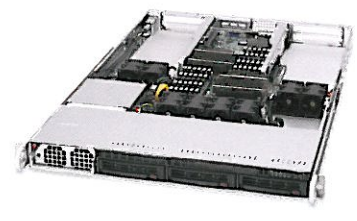
2x GPUs included!



5 add-on cards in 1U
 - 4 full-height, full length slots
 - 1 low-profile slot



Supports 2x any PCI-E 2.0 x16 compatible GPUs



MODEL	SS6016T-GF-TM2 SS6016T-GF-TC2	SS6016T-XF	SS6016T-GF
Outstanding Selling Points	<ul style="list-style-type: none"> • 2 Teraflops in 1U (240 cores per GPU) • The world's first and only GPU optimized 1U server • Gold Level 93% efficiency 1400W power supplies • Flexible system configurations: Enterprise level remote management with TM2 model and active cooling with TC2 model • Certified by NVIDIA • Intelligent server management tool 	<ul style="list-style-type: none"> • 5 add-on cards in 1U • Gold Level 93% efficiency 1400W power supplies • Intelligent server management tool 	<ul style="list-style-type: none"> • 2 GPUs supported • The world's first and only GPU optimized 1U server • Gold Level 93% efficiency 1400W power supplies • Intelligent server management tool
Processor Support	Intel® Xeon® Processor 5500 Series (Nehalem)	Intel® Xeon® Processor 5500 Series (Nehalem)	Intel® Xeon® Processor 5500 Series (Nehalem)
Chipset	Intel® 5520 chipset with QPI up to 6.4GT/s	Intel® 5520 chipset with QPI up to 6.4GT/s	Intel® 5520 chipset with QPI up to 6.4GT/s
GPUs/ Add-on Cards	2 GPUs are included		
Motherboard	SUPER® X8DTG-DF	SUPER® X8DTG-DF	SUPER® X8DTG-DF
System Memory (max.)	Up to 48 GB of DDR3 Reg. ECC; 24 GB Unb. ECC/Non-ECC 1333/1066/800 MHz SDRAM in 12 DIMMs	Up to 48 GB of DDR3 Reg. ECC; 24 GB Unb. ECC/Non-ECC 1333/1066/800 MHz SDRAM in 12 DIMMs	Up to 48 GB of DDR3 Reg. ECC; 24 GB Unb. ECC/Non-ECC 1333/1066/800 MHz SDRAM in 12 DIMMs
Expansion Slots	Right/Left slot: - NVIDIA® Tesla M1060 GPU Card - Total 2 Cards (TM2 Model) - NVIDIA® Tesla C1060 GPU Card - Total 2 Cards (TC2 Model) Top slot via riser card (low-profile): - PCI-E 2.0 x4 (in x16 slot)	Right/Left slot: - 2x PCI-E 2.0 x8 (in x16 slots) - Total 4 slots Top slot via riser card (low-profile): - PCI-E 2.0 x4 (in x16 slot)	Right/Left slot: - PCI-E 2.0 x16 - Total 2 slots Top slot via riser card (low-profile): - PCI-E 2.0 x4 (in x16 slot)
Onboard SATA RAID	Intel® ICH10R for 6 SATA (3 Gbps): RAID 0, 1, 5, 10 (Windows) RAID 0,1,10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps): RAID 0, 1, 5, 10 (Windows) RAID 0,1,10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps): RAID 0, 1, 5, 10 (Windows) RAID 0,1,10 (Linux)
Onboard LAN/ VGA/ I/O	Dual LAN with Intel® 82576 Gigabit Ethernet Up to 4 USB 2.0 ports Matrox G200eW Graphics	Dual LAN with Intel® 82576 Gigabit Ethernet Up to 4 USB 2.0 ports Matrox G200eW Graphics	Dual LAN with Intel® 82576 Gigabit Ethernet Up to 4 USB 2.0 ports Matrox G200eW Graphics
Manageability	IPMI 2.0 + KVM with dedicated LAN Watch Dog, SuperDoctor® III	IPMI 2.0 + KVM with dedicated LAN Watch Dog, SuperDoctor® III	IPMI 2.0 + KVM with dedicated LAN Watch Dog, SuperDoctor® III
Drive Bays	3x 3.5" hot-swap drive trays 1x Slim DVD drive (optional) USB / COM port tray (optional)	3x 3.5" hot-swap drive trays 1x Slim DVD drive (optional) USB / COM port tray (optional)	3x 3.5" hot-swap drive trays 1x Slim DVD drive (optional) USB / COM port tray (optional)
Power Supply	1400W Gold Level high-efficiency power supply	1400W Gold Level high-efficiency power supply	1400W Gold Level high-efficiency power supply
Cooling System	8x 4cm heavy duty counter-rotating fan with optimal GPU and CPU fan speed control	8x 4cm heavy duty counter-rotating fan with optimal GPU and CPU fan speed control	8x 4cm heavy duty counter-rotating fan with optimal GPU and CPU fan speed control
Form Factor	1U rackmount: 17.2"W (437mm) x 1.7"H (43mm) x 28.2"D (716mm)	1U rackmount: 17.2"W (437mm) x 1.7"H (43mm) x 28.2"D (716mm)	1U rackmount: 17.2"W (437mm) x 1.7"H (43mm) x 28.2"D (716mm)

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