



New Generation

MP Server Solutions

Optimum Performance with Highest Efficiency



X10 4-Way
SAS 3.0 (12Gbps)

New! SYS-4048B-TRFT



1U 4-Way

New! SYS-8017R-TF+/7RFT+
SYS-8016B



2U 4-Way

New! SYS-8027R-TRF+/7RFT+
SYS-8026B



4U 4-Way

New! SYS-4047R-7JRFT
New! SYS-8047R-7JRFT



4U 4-Way Tower

New! SYS-8047R-TRF+/7RFT+
SYS-8046B



5U 8-Way

SYS-5086B-TRF

- Quad Intel® Xeon® processor E7-4800 v2 (up to 15 cores) / E5-4600 v2 (up to 12 cores)
- First 4-Way system with 24x 2.5" SAS 3.0 (12Gbps) HDDs (SYS-4048B-TRFT)
- Up to 6TB ECC Reg. DDR3 memory in 96 DIMM sockets (SYS-4048B-TRFT) / 1TB ECC Reg. DDR3 memory in 32 DIMM sockets
- Up to 11 PCI-E 3.0 expansion slots (SYS-4048B-TRFT)
- Redundant Platinum Level Digital high-efficiency (94%+) power supplies with I²C & PMBus models available
- Total solution with Server Management Utilities including IPMI 2.0 Management + KVM with dedicated LAN, Power Management, and more...
- Dual 10GBase-T ports with Intel® X540 10GbE controller



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X10 4-Way MP Server

Supports up to 6TB Memory, 60 Cores, 11 PCIe 3.0 Slots, SAS 3.0 (12 Gbps)



(Rear View)

Model	SYS-4048B-TRFT	
Processor Support	Quad Intel [®] Xeon [®] Processor E7-4800 v2 (Ivy Bridge-EX) product family with QPI up to 8 GT/s, up to 15 cores	
Key Applications	<ul style="list-style-type: none"> • Cloud and Virtualization needs • Cloud Computing • Cluster Node • Data Center • Data Farm • Database Applications • Enterprise Server • Financial Analysis 	<ul style="list-style-type: none"> • Virtualization Server • High End Enterprise Server • High Performance Computer Cluster (HPCC) • High-performance computing • HPC cluster computer nodes • HPC/Cluster • Virtualization
Outstanding Features	<ul style="list-style-type: none"> • 94% Redundant Platinum Level high-efficiency power supplies • Enterprise Level 4-Way system • Full-Height, Full-length expansion cards • Independent power & cooling control 	<ul style="list-style-type: none"> • IPMI 2.0 + KVM with dedicated LAN • SAS 3.0 (12Gbps) ready • 96 DIMMs for up to 6TB memory capacity
Serverboard	SUPER [®] X10QBi / X10QBi-MEM1 / AOM-X10QBi-A	
Chipset	Intel [®] C602J chipset	
System Memory (Max.)	Up to 6TB of DDR3 1600MHz ECC RDIMM/LRDIMM in 96 memory slots (8x memory module board: X10QBi-MEM1)	
Expansion Slots	11 PCIe 3.0 slots (4x PCI-E3.0 x16 + 7x PCI-E3.0 x8) with 48 memory slots; 8 PCIe 3.0 slots (4x PCI-E3.0 x16 + 4x PCI-E3.0 x8) with 96 memory slots	
Onboard Storage Controller	Requires add-on card to support HW RAID feature; 6 SATA3/2 ports from 602J onboard (2 SATA3 + 4 SATA2)	
Connectivity	Dual 10GBase-T ports with Intel [®] X540 controller on AOM card	
VGA/Audio	1 VGA, 1 Aspeed AST2400 BMC	
Management	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor [®] 5, Watch Dog	
Drive Bays	24x 2.5" HDDs, SAS 3.0 (12Gbps) ready (optional upgrade to 48x 2.5" HDDs), fixed 4x 2.5" internal SATA drive bays	
Peripheral Bays	N/A	
Power Supply	(2+2) Redundant 1620W Platinum Level (94%+) power supplies	
Cooling System	4x 9cm mid fans + 3x 8cm rear fans with speed control; optional 2 additional 8cm rear fans	
Form Factor	4U Rackmount 437 x 178 x 795mm (17.2" x 7" x 31.3")	



4-Way MP Server

Up to 8 PCI-E x16 slots



4-Way MP Server

Up to 8 PCI-E x16 slots



Model	SYS-8047R-7JRFT	SYS-4047R-7JRFT
Processor Support	Quad Intel® Xeon® processor E5-4600 v2 product family with QPI up to 8.0GT/s, up to 12 cores	Quad Intel® Xeon® processor E5-4600 v2 product family with QPI up to 8.0GT/s, up to 12 cores
Key Applications	<ul style="list-style-type: none"> Enterprise mission-critical applications, e-Commerce, virtualization, graphics 	<ul style="list-style-type: none"> Enterprise mission-critical applications, e-Commerce, virtualization, graphics
Outstanding Features	<ul style="list-style-type: none"> Industry's best 4-Way architecture 6Gbps SAS2 support 8 full size PCI-E expansion slots Dual 10GBase-T ports 24x 3.5" hot-swap SAS2/SATA3 drive bays IPMI 2.0 + KVM w/ dedicated LAN 1620W Redundant Platinum Level high-efficiency (94%) power supply with I²C & PMBus 	<ul style="list-style-type: none"> Industry's best 4-Way architecture 6Gbps SAS2 support 8 full size PCI-E expansion slots Dual 10GBase-T ports 48x 2.5" hot-swap SAS2/SATA3 drive bays IPMI 2.0 + KVM w/ dedicated LAN 1620W Redundant Platinum Level high-efficiency (94%) power supply with I²C & PMBus
Serverboard	SUPER [®] X9QR7-TF-JBOD	SUPER [®] X9QR7-TF-JBOD
Chipset	Intel® C602 Chipset	Intel® C602 Chipset
System Memory (Max.)	Up to 768GB of DDR3 1866MHz ECC RDIMM/LRDIMM in 24 DIMM sockets	Up to 768GB of DDR3 1866MHz ECC RDIMM/LRDIMM in 24 DIMM sockets
Expansion Slots	8 PCI-E 3.0 x16 (1 x8 in x16 slot)	8 PCI-E 3.0 x16 (1 x8 in x16 slot)
Onboard Storage Controller	Dual LSI® 2308 controller for SAS2 (6Gbps) ports; SAS IT mode	Dual LSI® 2308 controller for SAS2 (6Gbps) ports; SAS IT mode
Connectivity	Dual 10GBase-T ports with Intel® X540 controller	Dual 10GBase-T ports with Intel® X540 controller
VGA/Audio	Matrox G200eW video controller	Matrox G200eW video controller
Management	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
Drive Bays	24x 3.5" hot-swap SAS2/SATA3 drive bays;	48x 2.5" hot-swap SAS2/SATA3 drive bays
Peripheral Bays	N/A	N/A
Power Supply	1620W Redundant Platinum Level high-efficiency (94%) power supplies with I ² C & PMBus	1620W Redundant Platinum Level high-efficiency (94%) power supplies with I ² C & PMBus
Cooling System	4x 9cm + 3x 8cm heavy duty fans with speed control	4x 9cm + 3x 8cm heavy duty fans with speed control
Form Factor	4U Rackmount 437 x 178 x 660mm (17.2" x 7" x 26")	4U Rackmount 437 x 178 x 660mm (17.2" x 7" x 26")



4-Way MP Server

Up to 32 memory and 48 Cores support



4-Way MP Server

Up to 32 memory and 48 Cores support



Model	SYS-8047R-TRF+ SYS-8047R-7RFT+	SYS-8027R-TRF+ SYS-8027R-7RFT+
Processor Support	Quad Intel® Xeon® processor E5-4600 v2 product family with QPI up to 8.0GT/s, up to 12 Cores	Quad Intel® Xeon® processor E5-4600 v2 product family with QPI up to 8.0GT/s, up to 12 Cores
Key Applications	<ul style="list-style-type: none"> Enterprise mission-critical applications, e-Commerce, virtualization, graphics 	<ul style="list-style-type: none"> Enterprise mission-critical applications, financial, oil & gas, medical, e-Commerce
Outstanding Features	<ul style="list-style-type: none"> Industry's best 4-Way architecture Up to 1TB DDR3 memory 4x Full size PCI-E 3.0 expansion slots 5x 3.5" hot-swap SATA3 drive bays IPMI 2.0 + KVM w/ dedicated LAN 1400W Redundant Platinum Level Digital high-efficiency (94%+) power supply with I²C & PMBus Tower/4U rackmount form factor 	<ul style="list-style-type: none"> Industry's best 4-Way architecture 6Gbps SAS2 support Up to 1TB DDR3 memory PCI-E 3.0 support Dual 10GBase-T ports 6x 3.5" hot-swap SAS2/SATA3 drive bays IPMI 2.0 + KVM w/ dedicated LAN 1400W Redundant Platinum Level Digital high-efficiency (94%+) power supply with I²C & PMBus
Serverboard	-TRF+: SUPER [®] X9QRi-F+ -7RFT+: SUPER [®] X9QR7-TF+	-TRF+: SUPER [®] X9QRi-F+ -7RFT+: SUPER [®] X9QR7-TF+
Chipset	Intel® C602 Chipset	Intel® C602 Chipset
System Memory (Max.)	Up to 1TB of DDR3 1866MHz ECC RDIMM/LRDIMM in 32 DIMM sockets	Up to 1TB of DDR3 1866MHz ECC RDIMM/LRDIMM in 32 DIMM sockets
Expansion Slots	2 PCI-E 3.0 x16, 2 PCI-E 3.0 x8	2 LP PCI-E 3.0 x16, 2 LP PCI-E x8
Onboard Storage Controller	-TRF+: Intel® C602 AHCI controller for 2 SATA3 (6Gbps) and 4 SATA2 (3Gbps) ports; RAID 0,1,5,10 -7RFT+: LSI® 2208 controller for SAS2 (6Gbps) ports; HW RAID 0,1,5,6,10	-TRF+: Intel® C602 AHCI controller for 2 SATA3 (6Gbps) and 4 SATA2 (3Gbps) ports; RAID 0,1,5,10 -7RFT+: LSI® 2208 controller for SAS2 (6Gbps) ports; HW RAID 0,1,5,6,10
Connectivity	-TRF+: Dual LAN ports with Intel® i350 Gigabit Ethernet controller -7RFT+: Dual 10GBase-T ports with Intel® X540 controller	-TRF+: Dual LAN ports with Intel® i350 Gigabit Ethernet controller -7RFT+: Dual 10GBase-T ports with Intel® X540 controller
VGA/Audio	Matrox G200eW video controller	Matrox G200eW video controller
Management	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor [®] III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor [®] III, Watch Dog
Drive Bays	-TRF+: 5x 3.5" hot-swap SATA3 drive bays -7RFT+: 5x 3.5" hot-swap SAS2/SATA3 drive bays	-TRF+: 6x 3.5" hot-swap SATA3 drive bays -7RFT+: 6x 3.5" hot-swap SAS2/SATA3 drive bays
Peripheral Bays	3x 5.25" peripheral bays	1x slim DVD-ROM drive (optional)
Power Supply	1400W Redundant Platinum Level Digital high-efficiency (94%+) power supplies with I ² C & PMBus	1400W Redundant Platinum Level Digital high-efficiency (94%+) power supplies with I ² C & PMBus
Cooling System	3x 9cm + 3x 8cm heavy duty fans with speed control	3x 8cm hot-swap cooling fans with air shroud & optimal fan speed control
Form Factor	4U Rackmount/Tower 462 x 178 x 721mm (18.2" x 7" x 28.4")	2U Rackmount 437 x 89 x 709mm (17.2" x 3.5" x 27.9")



4-Way MP Server

Up to 32 memory and 48 Cores support



4-Way MP

6Gbps SAS



Model	SYS-8017R-TF+ SYS-8017R-7FT+	SYS-8046B-TRF SYS-8046B-6RF
Processor Support	Quad Intel® Xeon® processor E5-4600 v2 product family with QPI up to 8.0GT/s, up to 12 Cores	Quad Intel® Xeon® MP processor E7-4800 family (10-core) and 7500 series (8-core) with QPI up to 6.4GT/s
Key Applications	<ul style="list-style-type: none"> Enterprise mission-critical applications, HPC cluster computer nodes, scientific computing, virtualization 	<ul style="list-style-type: none"> Enterprise mission-critical applications, HPC cluster computer nodes, datacenter, data farm
Outstanding Features	<ul style="list-style-type: none"> Industry's best 1U 4-Way architecture 32 processing cores in 1U PCI-E 3.0 support Up to 1TB DDR3 memory 3x 3.5" hot-swap SATA3 drive bays IPMI 2.0 + KVM w/dedicated LAN 1400W Platinum Level Digital high-efficiency (94%+) power supply 	<ul style="list-style-type: none"> Industry's best 4-Way architecture 4 Full size PCI-E expansion slots 5 hot-swap SAS/SATA drive bays IPMI 2.0 + KVM w/ dedicated LAN 1400W Redundant Gold Level high-efficiency power Tower/4U rackmount formfactor
Serverboard	-TF+: SUPER● X9QRi-F+ -7FT+: SUPER● X9QR7-TF+	-TRF: SUPER● X8QB-E-F -6RF: SUPER● X8QB6-F
Chipset	Intel® C602 Chipset	Intel® 7500 chipset with QPI up to 6.4GT/s
System Memory (Max.)	Up to 1TB of DDR3 1866MHz ECC RDIMM/LRDIMM in 32 DIMM sockets	Up to 1TB of DDR3 Reg. ECC 1066/978/800 MHz RDIMM in 32 DIMM sockets
Expansion Slots	1 PCI-E 3.0 x16 low-profile	2 PCI-E 2.0 x16 or 1 PCI-E 2.0 x16 + 2 PCI-E 2.0 x8 or 4 PCI-E 2.0 x8
Onboard Storage Controller	-TF+: Intel® C602 AHCI controller for 2 SATA3 (6Gbps) and 4 SATA2 (3Gbps) ports; RAID 0,1,5 -7FT+: LSI® 2208 controller for SAS2 (6Gbps) ports; HW RAID 0,1,5	Intel® ICH10R for 6 SATA (3Gbps) RAID 0,1,5,10 (Windows) RAID 0,1,10 (Linux)
Connectivity	-TF+: Dual LAN ports with Intel® i350 Gigabit Ethernet controller -7FT+: Dual 10GBase-T ports with Intel® X540 controller	Dual LAN with Intel® 82576 Gigabit Ethernet controller
VGA/Audio	Matrox G200eW video controller	Matrox G200eW video controller
Management	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
Drive Bays	3x 3.5" hot-swap SATA3 drive bays	-TRF: 5x 3.5" hot-swap SATA drive bays -6RF: 5x 3.5" hot-swap SAS drive bays
Peripheral Bays	1 slim DVD-ROM (optional)	N/A
Power Supply	1400W Platinum Level Digital high-efficiency (94%+) power supply with I ² C & PMBus	1400W Redundant Gold Level high-efficiency power supplies with I ² C & PMBus
Cooling System	7x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	3x 9cm + 3x 8cm heavy duty fans with speed control
Form Factor	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	4U Rackmount/Tower 452 x 178 x 746mm (17.8" x 7" x 29.4")

4-Way MP
6Gbps SAS



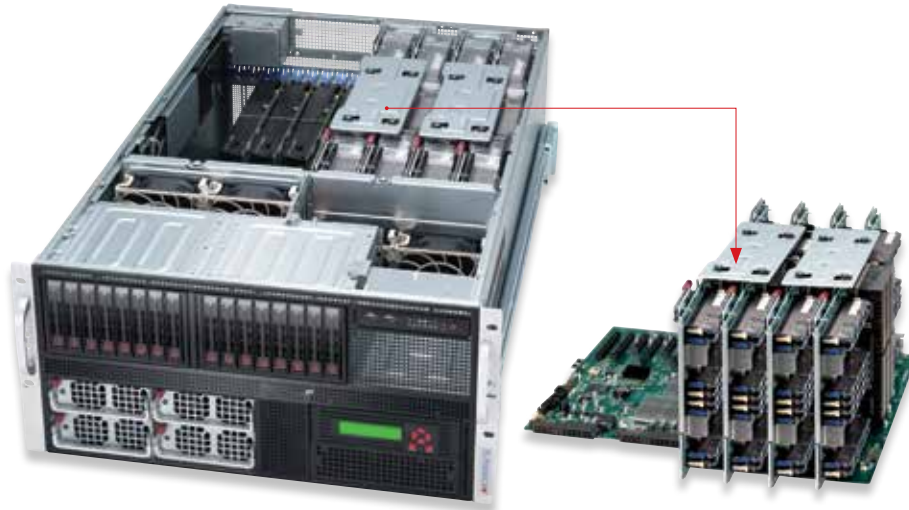
4-Way MP
SAS2 Hardware
RAID onboard



Model	SYS-8026B-TRLF SYS-8026B-6RF/TRF	SYS-8016B-TLF SYS-8016B-6F/TF
Processor Support	Quad Intel® Xeon® MP processor E7-4800 family (10-core) and 7500 series (8-core) with QPI up to 6.4GT/s	Quad Intel® Xeon® MP processor E7-4800 family (10-core) and 7500 series (8-core) with QPI up to 6.4GT/s
Key Applications	<ul style="list-style-type: none"> Enterprise mission-critical applications, HPC cluster computer nodes, datacenter, data farm 	<ul style="list-style-type: none"> Enterprise mission-critical applications, HPC cluster computer nodes, datacenter, data farm
Outstanding Features	<ul style="list-style-type: none"> Industry's best 4-Way architecture 6Gbps SAS (SAS2) (8026B-6RF) support 6 hot-swap SAS/SATA drive bays IPMI 2.0 + KVM w/ dedicated LAN 1400W Redundant Gold Level I high-efficiency power supplies 	<ul style="list-style-type: none"> Industry's best 1U 4-Way architecture Up to 1TB DDR3 memory 3 hot-swap SAS/SATA drive bays 1400W Gold Level high-efficiency power supply IPMI 2.0 + KVM w/dedicated LAN Smart server management tools
Serverboard	-TRLF: SUPER [®] X8QBE-LF -TRF: SUPER [®] X8QBE-F -6RF: SUPER [®] X8QB6-F	-TLF: SUPER [®] X8QBE-LF -TF: SUPER [®] X8QBE-F -6F: SUPER [®] X8QB6-F
Chipset	Intel® 7500 chipset	Intel® 7500 chipset
System Memory (Max.)	Up to 1TB of DDR3 Reg. ECC 1066/978/800MHz RDIMM in 32 DIMM sockets	Up to 1TB of DDR3 Reg. ECC 1066/976/800MHz RDIMM in 32 DIMM sockets
Expansion Slots	-TRLF: 2 PCI-E 2.0 x16 or 2 PCI-E 2.0 x4 + 1 PCI-E 2.0 x8 or 3 PCI-E 2.0 x8 + 2 PCI-E 2.0 x4 -6RF/TRF: 2 PCI-E 2.0 x16 or 1 PCI-E 2.0 x16 + 2 PCI-E 2.0 x8 or 4 PCI-E 2.0 x8	1 PCI-E 2.0 x16 (low-profile)
Onboard Storage Controller	Intel® ICH10R for 6 SATA (3Gbps) RAID 0,1,5,10 (Windows) RAID 0,1,10 (Linux) -6RF: LSI® 2108 (6Gbps) controller for 8 SAS2 ports; RAID 0,1,5,6,10	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5 (Windows) RAID 0, 1 (Linux) -6F: LSI® 2108 (6Gbps) controller for 8 SAS2 ports; RAID 0, 1, 5
Connectivity	Dual LAN with Intel® 82576 Gigabit Ethernet controller	Dual LAN with Intel® 82576 Gigabit Ethernet controller
VGA/Audio	Matrox G200eW graphics	Matrox® G200eW graphics
Management	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
Drive Bays	-TRF/TRLF: 6x 3.5" hot-swap SATA drive bays -6RF: 6x 3.5" hot-swap SAS drive bays	-TLF/TF: 3x 3.5" hot-swap SATA drive bays -6F: 3x 3.5" hot-swap SAS drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM (optional)
Power Supply	1400W Redundant Gold Level high-efficiency power supplies with I ² C & PMBus	1400W Gold Level high-efficiency power supply with I ² C & PMBus
Cooling System	3x 8cm hot-swap cooling fans with air shroud with optimal fan speed control	7x 4cm heavy duty counter-rotation fans with air shroud with optimal fan speed control
Form Factor	2U Rackmount 437 x 89 x 709mm (17.2"x 3.5" x 27.9")	1U Rackmount 437 x 43 x 705mm (17.2"x 1.7" x 27.75")



5U 8-Way MP



Model	SYS-5086B-TRF
Processor Support	Octal Intel [®] Xeon [®] MP processor E7-8800 family (10-core) and 7500 series (8-core) with QPI up to 6.4GT/s
Key Applications	<ul style="list-style-type: none"> Enterprise mission-critical applications, HPC cluster computer nodes, datacenter, data farm, cloud computing, virtualization
Outstanding Features	<ul style="list-style-type: none"> Industry's best 8-way architecture 10 full size PCI-E 2.0 expansion slots 16 hot-swap SAS/SATA drive bays IPMI 2.0 + KVM w/ dedicated LAN Total 2800W (2+2) Redundant Gold Level power supplies with I2C & PMBus 5U rackmount formfactor
Serverboard	SUPER [®] X8OBN-F + X8OBN-CPU + X8OBN-BR1
Chipset	Dual Intel [®] Boxboro-EX chipset
System Memory (Max.)	Up to 2TB of DDR3 Reg. ECC 1066/800 MHz SDRAM in 64 RDIMM sockets
Expansion Slots	Auto-switch from: 4 PCI-E 2.0 x16 + 2 PCI-E 2.0 x8; or 10 PCI-E 2.0 x8
Onboard Storage Controller	Intel [®] ICH10R for 6 SATA (3Gbps) RAID 0,1,5,10 (Windows) RAID 0,1,10 (Linux)
Connectivity	Dual LAN with Intel [®] 82576 Gigabit Ethernet controller
VGA/Audio	Matrox G200eW Graphics
Management	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor [®] III, Watch Dog
Drive Bays	16x 2.5" hot-swap SAS/SATA drive bays & 2x 5.25" devices (total up to 24x 2.5" hot-swap HDD support)
Peripheral Bays	N/A
Power Supply	Total 2800W (2+2) Redundant or 4200W (3+1) Redundant Gold Level power supplies with I ² C & PMBus (Platinum Level coming soon)
Cooling System	6x 9cm hot-swap cooling fans with air shroud, optimal fan speed control
Form Factor	5U Rackmount 437 x 219 x 762mm (17.2" x 8.6" x 30")

SUPERMICR[®] Multi-Processor Based Server Solutions

The new Supermicro multi-processor (MP) 4-Way SuperServer[®] SYS-4048B-TRFT features 96x DIMM slots supporting up to 6TB DDR3-1600MHz Reg. ECC R/LRDIMMs, up to 48x 2.5" hot-swap 12Gb/s SAS3 or 6Gb/s SATA3 SSD/HDDs 11x PCI-E 3.0 slots, dual 10GBase-T ports plus 1x dedicated LAN port for IPMI 2.0 remote monitoring and 2+2 Redundant 1620W Platinum Level high-efficiency power supplies. This high-performance, high-capacity server takes full advantage of the latest Intel[®] Xeon[®] processor E7-4800 v2 (up to 15-core) product family advances and provides a radically new split-level architecture innovation that provides dual-zone cooling to support the highest performance (155 watt TDP) processors. The architectural layout of components within the system is also optimized for best thermal dissipation and ease of maintenance. Enterprise customers in need of highest performance, density and reliability for extreme business analytics and intelligence applications have immediate access to the most advanced server solutions from Supermicro.

Designed as world's highest density 5U 8-way server with super-high computing performance, the multi-processor SuperServer 5086B series support the QPI format 8-Core Xeon[®] processors 7500 Series and 10-Core Xeon[®] processor E7-8800 product family in a high-density 5U form-factor. The Supermicro 8017R/8027R/8047R series utilizes the latest Intel[®] Xeon[®] processor E5-4600 v2 product family technology to offer the best MP price/performance advantages.

Additional leading-edge features of Supermicro MP systems include 90%+ power-efficient serverboard VRMs, redundant Platinum Level (94%) efficiency power supplies, high-speed connectivity 10GBase-T (-T) options, onboard hardware/software RAID providing 12Gbps SAS 3.0, and integrated IPMI 2.0 for advanced remote management. These powerful MP SuperServer[®] systems are available in multiple form factors (1U, 2U, 4U, Tower, 5U) and are optimized for Database, HPC, Security, Virtualization, Simulation, In-Memory Computing, CAD, ERP, CRM, and Business Intelligence applications.

Supermicro 4-Way Motherboards with SAS2 and 10 GBase-T Available

X9QR7/i-(T)F+



- Quad Intel[®] Xeon Processor E5-4600 v2 product family
- Intel[®] C602 chipset
- Supports up to 1TB* of DDR3-1866MHz SDRAM in 32 DIMM sockets
- 4 PCI-E 3.0 x16 (2 PCI-E 3.0 x8 in x16 slot)
- LSI 2208 SAS2 (6Gbps) 8 ports; HW RAID 0,1,5, 6,10,50,60
- 2 SATA3 & 4 SATA2 ports
- Intel[®] i350 Dual Gigabit Ethernet or X540 Dual 10GBase-T Ethernet LAN (-T SKU)
- IPMI 2.0 + KVM over LAN
- Proprietary 16.79" x 16.4" Form Factor
- Optimized Chassis: SC818/SC828/SC748
- Applications: High Performance Computing, Simulation, Database Servers, Target Financial Sector, BIO Research Lab, and National Lab

* Please check with your Supermicro sales representative for compatibility
** J stands for SAS IT Mode

X9QR7/i-(J**)(T)F



- Quad Intel[®] Xeon Processor E5-4600 v2 product family
- Intel[®] C602 chipset
- Supports up to 768GB* of DDR3-1866MHz SDRAM in 24 DIMM sockets
- 8 PCI-E 3.0 x16 (1 PCI-E 3.0 x8 in x16 slot)
- Dual LSI 2308 SAS2 (6Gbps) 16 ports; SW RAID 0,1,10
- 2 SATA3 & 8 SATA2 ports (4 ports from SCU)
- Intel[®] i350 Dual Gigabit Ethernet or X540 10GBase-T Ethernet LAN (-T SKU)
- IPMI 2.0 + KVM over LAN
- Proprietary 17" x 17" Form Factor
- Optimized Chassis: SC848/SC418
- Applications: Surveillance, High Performance Computing, Simulation, Database Servers, Target Financial Sector, BIO Research Lab, and National Lab

Optimized Chassis with Platinum Level Digital Power Available



SC818A-1K43LPB

1400W
Platinum Level Digital Power Supply
3x 3.5" SAS2/SATA3
hot-swap drive bays



SC828TQ-R1K43LPB

Redundant 1400W
Platinum Level Digital Power Supplies
6x 3.5" SAS2/SATA3
hot-swap drive bays



SC748TQ-R1K43B

Redundant 1400W
Platinum Level Digital Power Supplies
5x 3.5" SAS2/SATA3
hot-swap drive bays



SC848E16-R1620B
SC418E16-R1620B

Redundant 1620W
Platinum Level Power Supplies
24x 3.5" or 48x 2.5" SAS2/SATA3
hot-swap drive bays

MKT-0005-02/2014 Rev 3.0



www.supermicro.com/Xeon_MP