

Sun™ Hardware At-A-Glance

Updated September, 2004



Sun Fire™ Data Center Servers

	Sun Fire™ V1280	Sun Fire 4800	Sun Fire 6800	Sun Fire 12K	Sun Fire 15K	Sun Fire E2900	Sun Fire E4900	Sun Fire E6900	Sun Fire E20K	Sun Fire E25K
CPU's	Up to 12	Up to 12	Up to 24	Up to 52	Up to 106	4, 8, or 12	4, 8, or 12	4 to 24	4 to 36	4 to 72
CPU type	UltraSPARC® III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV	UltraSPARC III Cu/ UltraSPARC IV
CPU speed	1.2 GHz	1.05/1.2 GHz	1.05/1.2 GHz	1.05/1.2 GHz	1.05/1.2 GHz	1.05/1.2 GHz	1.05/1.2 GHz	1.05/1.2 GHz	1.05/1.2 GHz*	1.05/1.2 GHz*
Level 2 cache	8 MB	8 MB	8 MB	8 MB	8 MB	16 MB	16 MB	16 MB	16 MB	16 MB
Main memory	Up to 96 GB	Up to 96 GB	Up to 192 GB	Up to 288 GB	Up to 576 GB	Up to 96 GB	Up to 96 GB	Up to 192 GB	Up to 288 GB	Up to 576 GB
Processor/memory boards	Up to 3	Up to 3	Up to 6	Up to 9	Up to 18	Up to 3	Up to 3	Up to 6	Up to 9	Up to 18
I/O connection	6 x 64-bit PCI slots	16 x 64-bit PCI slots	32 x 64-bit PCI slots	36 x 64-bit PCI slots	72 x 64-bit PCI slots	6 x 64-bit PCI slots	16 x 64-bit PCI slots	32 x 64-bit PCI slots	36 x 64-bit PCI slots	72 x 64-bit PCI slots
System controller	1	2	2	2	2	1	2	2	2	2

Sun Fire B1600 Blade Platform

	Sun Fire B100s	Sun Fire B100x	Sun Fire B200x	Sun Fire B1600 Blade Chassis	Specialty Blades
CPU's	1	1	2	16 blades	Sun Fire B10n Content Load Balancing Blade
CPU type	UltraSPARC III	AMD Athlon™ Mobile XP1800+	Intel LV Xeon	Indicador lights	Power, Fault, Ready to remove
CPU speed	650 MHz	1.53 GHz	2.0 GHz	System controllers	Up to 2
Operating system	Solaris™ 8, 9	Solaris x86, Linux	Solaris x86, Linux	Layer-2 switches	Up to 2 x redundant 24-port GbE
Level 2 cache	512 KB	256 KB	512 KB	Power supply	110-240V, 1040 W max.
Main memory	Up to 2 GB	Up to 2 GB	Up to 4 GB	Form factor	3RU
Internal disks	1	1	1		
Internal disk type	30-GB (24/7) IDE	30-GB (24/7) IDE	30-GB (24/7) IDE		

*1.2-GHz support for the Sun Fire E20K and E25K servers expected Q2, CY2004

Sun Fire Entry SPARC®/Solaris™ Servers

	Sun Fire V100	Sun Fire V120	Sun Fire V210	Sun Fire V240	Sun Fire V250	Sun Fire 280R	Sun Fire V440	Sun Fire V480	Sun Fire V880
CPU's	1	1	Up to 2	Up to 2	Up to 2	Up to 2	Up to 4	Up to 4	Up to 8
CPU type	UltraSPARC III	UltraSPARC III	UltraSPARC III	UltraSPARC III	UltraSPARC III	UltraSPARC III Cu	UltraSPARC III	UltraSPARC III Cu	UltraSPARC III Cu
CPU speed	550/650 MHz	650 MHz	1.0 GHz	1.0/1.28 GHz	1.06/1.28 GHz	1.2 GHz	1.06/1.28 GHz	1.05/1.2 GHz	1.2 GHz
Level 2 cache	512 KB	512 KB	1 MB	1 MB	1 MB	8 MB	1 MB	8 MB	8 MB
Main memory	Up to 2 GB	Up to 4 GB	Up to 4 GB	Up to 8 GB	Up to 8 GB	Up to 8 GB	Up to 16 GB	Up to 32 GB	Up to 64 GB
PCI slot	N/A	1	1	3	6	4	6	6	9
Internal disks	Up to 2	Up to 2	Up to 2	Up to 4	Up to 8	Up to 2	Up to 4	Up to 2	Up to 12
Internal disk type	40-GB IDE	36-GB/10K	36/73-GB Ultra160 SCSI hot-swap	36/73-GB Ultra160 SCSI hot-swap	36/73-GB Ultra160 SCSI hot-swap	73-GB/10K Fibre Channel	36/73-GB/10K Ultra320 SCSI	73-GB/10K FC-AL	73/146-GB/10K FC-AL

Sun Fire Entry x86 Servers

	Sun Fire V60x	Sun Fire V65x	Sun Fire V20z	Sun Fire V40z
CPU's	Up to 2	Up to 2	Up to 2	Up to 4
CPU type	Intel Xeon	Intel Xeon	AMD Opteron™	AMD Opteron
CPU speed	2.8/3.06/3.2 GHz	2.8/3.06/3.2 GHz	Model 242/244/248/250	Model 844/848/850
Level 2 cache	512 KB (3.2 GHz, 1 MB)	512 KB (3.2 GHz, 1 MB)	1 MB	1 MB
Main memory	Up to 6 GB	Up to 12 GB	Up to 16 GB	Up to 32 GB
PCI slots	2	6	2	7
Internal disks	Up to 3	Up to 6	Up to 2	Up to 6
Internal disk type	36/73/146-GB Ultra320 SCSI	36/73/146-GB Ultra320 SCSI	36/73/146-GB Ultra320 SCSI	36/73/146-GB Ultra320 SCSI

Sun Blade™ Workstation Products

	Sun Blade™ 150	Sun Blade 1500	Sun Blade 2500	Sun Java™ Workstation W1100z	Sun Java™ Workstation W2100z
CPU's	1	1	Up to 2	1	2
CPU type	UltraSPARC III	UltraSPARC III	UltraSPARC III	Opteron 100	Opteron 200
CPU speed	550/650 MHz	1.0 GHz	1.28 GHz	1.8 /2.4 GHz	1.8/2.4 GHz
Level 2 cache	512 KB	1 MB	1 MB	1 MB	1 MB
Main memory	Up to 2 GB	Up to 4 GB	Up to 8 GB	Up to 4 GB 8 GB later	Up to 8 GB 16 GB later
PCI slots	3	5	6	5	5
Internal disks	Up to 2	Up to 2	Up to 2	Up to 2	Up to 2
Internal disk type	80-GB EIDE	80-GB ATA-100	73-GB 10K Ultra320 SCSI	80-GB ATA-100	73-GB Ultra SCSI 320

Entry-Level Storage

	Sun StorEdge™ A1000	Sun StorEdge D2 Array	Sun StorEdge S1 Array	Sun StorEdge 3310 SCSI Array	Sun StorEdge 3510 FC Array
Drive type	Ultra SCSI	Ultra3 SCSI	Ultra3 SCSI	Ultra160 SCSI	Dual-ported Fibre Channel
Capacity	Up to 12, 436 GB max.	Up to 12, 436 GB max.	Up to 6, 219 GB max.	Up to 12, 874 GB max.	Up to 12, 1.72 TB max.
Form factor	7.0"H x 17.6"W x 21.0"D	7.0"H x 17.6"W x 21.0"D	1RU	2RU/tray	2RU/tray
Supported drives	18.2-GB/10K; 36.4-GB/10K	18.2-GB/10K; 36.4-GB/10K	18.2-GB/10K; 36.4-GB/10K	36.4-GB/10K	36-GB/15K; 73-GB/10K; 146-GB/10K

Midrange Storage

	Sun StorEdge 3900 Series	Sun StorEdge A5200 Array	Sun StorEdge 6120 Array	Sun StorEdge 6320 System	Sun StorEdge 6900 Series
Drive type	Dual-ported FC-SCA-2	Dual-ported FC-SCA-2	Dual-ported FC-SCA-2	Dual-ported FC-SCA-2	Dual-ported FC-SCA-2
Capacity	Up to 162 w/ expansion, 29.3 TB max.	Up to 132 w/ rack, 9.6 TB max.	Up to 14, 12.3 TB max.	Up to 14 w/ expansion, 45.0 TB max.	Up to 144 w/ expansion, 26.0 TB max.
Form factor	3960: 75.0"H x 47.8"W x 37.0"D	5.2RU	6RU	75.0"H x 23.9"W x 37.0"D	75.0"H x 47.8"W x 37.0"D
Supported drives	36.4-GB/15K; 73.4-GB/10K; 181.6-GB/7.2K	36-GB/15K	36-GB/15K; 73-GB/10K; 146-GB/10K	36-GB/15K; 73-GB/10K; 146-GB/10K	36.4-GB/15K; 73.4-GB/10K; 181.6-GB/7.2K

Data Center Storage

	Sun StorEdge 9970	Sun StorEdge 9980
Capacity	Up to 128	Up to 1024
Form factor	1 frame	Up to 5 frames
Supported drives	36-GB/10K; 73-GB/10K; 73-GB/15K; 146-GB/15K Fibre Channel 17.5 TB max.	36-GB/10K; 73-GB/10K; 73-GB/15K; 146-GB/15K Fibre Channel 147.5 TB max.
Max. Cache	64 GB	128 GB

Netra™ Systems

	Netra™ 120	Netra 240	Netra 20	Netra™ 440	Netra 1280	Netra CT 410/810	Netra CT 820
CPU's	1	Up to 2	Up to 2	Up to 4	Up to 12	Up to 3/7	Up to 18
CPU type	UltraSPARC III	UltraSPARC III	UltraSPARC III Cu	UltraSPARC III Cu	UltraSPARC III Cu	UltraSPARC III	UltraSPARC III
CPU speed	650 MHz	1.28 GHz	1.2 GHz	1.28 GHz	1.2 GHz	650 MHz	650 MHz
Level 2 cache	512 KB	1 MB	8 MB	1 MB	8 MB	512 KB	512 KB
Main memory	Up to 4 GB	Up to 8 GB	Up to 8 GB	Up to 16 GB	Up to 96 GB	Up to 4 GB/ Blade	Up to 2.5 GB/ Blade
PCI slots	1	3	4	6	6	3/7 nodes	18 nodes
Internal disks	Up to 2	Up to 2	Up to 2	Up to 4	2	1/4p to 2	Up to 1
Internal disk type	36-GB/10K Ultra2 SCSI hot-swap	73-GB/15K Ultra160 SCSI hot-swap	73-GB/10K FC-AL hot-swap	73-GB/15K Ultra320 SCSI hot-swap	73-GB/10K Ultra160 SCSI hot-swap	73-GB/10K Ultra2 SCSI	40-GB E IDE