


























VOLUME SYSTEMS








Product	Processors	Clock Speed	Memory	Max Storage	I/O and Connectivity	Cache	Base Configuration
 Sun Fire V60x	Up to 2 x Intel Xeon	2.8, 3.06, or 3.2 GHz	6GB	146GB	2 integrated Gb Ethernet ports, 2 PCI-X slots (1 full height, 1 half height), 3 USB 1.1 ports, 1 serial port, 1 external Ultra320 SCSI port	1-MB L3 512-KB L2	1 CPU: 2.8GHz, 512MB memory, 36GB HDD
 Sun Fire V65x	Up to 2 x Intel Xeon	2.8 GHz/ 3.2GHz	12GB	438GB	2 integrated Gb Ethernet ports, 3 PCI-X slots (3 full height, 3 half height), 3 USB 1.1 ports, 1 serial port, 1 external Ultra320 SCSI port	1-MB L3 512-KB L2	1 CPU: 2.8GHz, 512MB memory, 36GB HDD
 Sun Fire V20z NEW	2 x AMD Opteron	Opteron 242,244,248	16GB	146GB	2 x 64-bit PCI-X (1 x 133 MHz, 1 x 66MHz), 2 x 10/100/1000 baseT, 1 x RS-232 DB9 serial port, 1 x USB 1.1 port, internal Ultra320 SCSI port, RAID 1 mirroring	1 MB L2	1 CPU: Opteron 242, 1GB memory, 36GB HDDS
 Sun Fire V100	1 x UltraSPARC® Ili	550/650 MHz	2GB	80GB	IDE disk controller, 2 serial ports, 2 USB ports	16-KB I cache, 16-KB D-cache, 512-KB L2	1 CPU: 550MHz, 256MB memory, 1HDD
 Sun Fire V120	1 x UltraSPARC® Ili	550/650 MHz	4GB	72GB	SCSI disk controller, 2 serial ports, 2 USB ports, 1 PCI slot (32 bits-33MHz)	16-KB I cache, 16-KB D-cache, 512-KB L2	1 CPU: 650MHz, 512MB memory, 1HDD
 Sun Fire B100s Blade	1 x UltraSPARC® Ili	650 MHz	2GB	30GB	2 integrated Gb Ethernet ports, IDE disk controller, 2 serial ports	16-KB I cache, 16-KB D-cache, 512-KB L2	1 CPU: 650MHz UltraSPARCIli, 1GB memory, 30GB IDE HDD
 Sun Fire B100x Blade	1 x AMD Mobile Athlon XP 1800+	1.53 GHz	2GB	30GB	2 integrated Gb Ethernet ports, IDE disk controller, 2 serial ports	128-KB I 1, 256-KB L2	1 CPU: 1.53 AMD Athlon XP 1800+, 1GB memory, 30GB IDE HDD
 Sun Fire B200x Blade NEW	2 x Low Voltage Intel Xeon	2.0 GHz	4GB	30GB	4 x 10/100/1000 basrT redundant Ethernet ports, 4 x RS-232 serial ports	512KB L2	2 2.0 GHz CPUs, 2GB memory, 1 30 GB HDD 13
 Sun Fire V210	Up to 2 x UltraSPARC® IIIi	1 GHz	4GB	146GB	4 integrated Gb Ethernet ports, 1 integrated Ultra160 SCSI port, 2 USB ports, 1 full length 64-bit 33/66MHz PCI slot, 2 serial ports (one for system mgmt), 1 10Mb Ethernet port for system mgmt	32-KB I cache, 64-KB D-cache, 1-MB L2	1 CPU: 1GHz, 512MB memory, 1HDD
 Sun Fire V240	Up to 2 x UltraSPARC® IIIi	1/1.28 GHz	8GB	292GB	4 integrated Gb Ethernet ports, 1 integrated Ultra160 SCSI port, 2 USB ports, 3 full length 64-bit PCI slots (1 33/66MHz and 2 33MHz), 2 serial ports (one for system mgmt), 1 10Mb Ethernet port for system mgmt	32-KB I cache, 64-KB D-cache, 1-MB L2	1 CPU: 1GHz, 512MB memory, 1HDD, 1 power supply
 Sun Fire V250	Up to 2 x UltraSPARC® IIIi	1.06/1.28 GHz	8GB	584GB	1 integrated Ultra 160 SCSI port, 1 10/100/1000Base-T Ethernet port for the network, 4 USB ports, 6 full length 64-bit/(3 at 66MHz and 3 at 33MHz) PCI slots, 2 serial ports (1 for system mgmt), 1 10MB Ethernet port for network mgmt	32-KB I cache, 64-KB D-cache, 1-MB L2	1 CPU: 1.06GHz, 512MB memory, 1HDD, 1 power supply
 Sun Fire 280R	Up to 2 x UltraSPARC® III Cu	1.2 GHz	8GB	146GB	Ethernet/fast Ethernet, 2 UltraSCSI, 2 serial ports, centronics-compatible parallel port, 4 PCI slots (3 at 33MHz, 1 at 33/66MHz), 4 USB ports, HSSDC copper FC-AL connector	32-KB I cache, 64-KB D-cache, 8-MB L2	1 CPU: 900MHz, 1GB memory, 1 FCAL drive - 36GB, dual power supplies, remote system control card, Solaris 8 pre-installed
 Sun Fire V440	Up to 4 x UltraSPARC® III Cu	1.06/1.28 GHz	16GB	292GB	Ultra320 SCSI controller, 6 PCI slots (3 at 66MHz, 3 at 33MHz), 2 10/100/1000 Mbps Ethernet, 4 USB ports, 1 DB9 serial port	32-KB I cache, 64-KB D-cache, 1-MB L2	2 CPUs: 1.06GHz, 4GB memory, 4 disks
 Sun Fire V480	Up to 4 x UltraSPARC® III Cu	1.05/1.2 GHz	32GB	146GB	FC-AL disk controller, 6 PCI slots (2 at 66MHz, 4 at 33MHz), 2 10/100/1000 Mbps Ethernet, 2 USB ports, 1 RJ45 serial port	32-KB I cache, 64-KB D-cache, 8-MB L2	2 CPUs: 1.05GHz, 4GB memory
 Sun Fire V880	Up to 8 x UltraSPARC® III Cu	1.2 GHz	64GB	876GB	FC-AL disk controller, 2 serial ports via splitter cable, 9 PCI slots (2 at 66MHz, 7 at 33MHz)	32-KB I cache, 64-KB D-cache, 8-MB L2	2 CPUs: 1.2GHz, 4GB memory

ENTERPRISE SYSTEMS

Product	Processors	Memory	Max Storage	Peak Memory Bandwidth	I/O and Connectivity	Cache	Hardware Redundancy	Online Maintenance/Upgrades	Base Configuration
Sun Fire V1280 	Up to 12 UltraSPARC III Cu	96GB	17.5TB	9.6GB/sec	2 integrated Gb Ethernet ports, 1 integrated Ultra3 SCSI port, 6 half length 64-bit PCI slots (1 66MHz, 5 33MHz slots)	8-MB L2	Power supplies, Sun Fireplane switches, power cords, data memory paths	Hot swap, CPU, memory, power supplies and disks, hot kernel patching	4 CPUs: 1.2GHz
Sun Fire 4800 	Up to 12 UltraSPARC III Cu	96GB	35TB	9.6GB/sec	16 PCI slots (4 66MHz slots and 12 33MHz slots)	8-MB L2	Power supplies, Sun Fireplane interconnect, fans, data memory paths, networks, system controller, system clock, power cords	Hot swap, CPU, memory, I/O, power supplies, fans, hot kernel patching	4 CPUs: 1.2GHz, 8GB memory; capacity on demand (COD) available
Sun Fire 6800 	Up to 24 UltraSPARC III Cu	192GB	70TB	9.6GB/sec	32 PCI slots (8 66MHz slots and 24 33MHz slots)	8-MB L2	Power supplies, Sun Fireplane interconnect, fans, data memory paths, networks, system controller, system clock, power cords	Hot swap, CPU, memory, I/O, power supplies, fans, hot kernel patching	4 CPUs: 1.2GHz, 8GB memory; capacity on demand (COD) available
Sun Fire 12K 	Up to 52 UltraSPARC III Cu	288GB per domain	120TB+	Aggregate = 86GB/sec Peak local = 60.3GB/sec	36 x 64-bit PCI slots	8-MB L2	Power supplies, Sun Fireplane interconnect, system clock, system controller, fans, power cords, data paths, address paths, response paths	Hot swap, CPU, memory, I/O assemblies, PCI cards, power supplies, fan, expanders, system controllers, hot kernel patching	8 CPUs: 1.2GHz, 8GB memory; capacity on demand (COD) available
Sun Fire 15K 	Up to 106 UltraSPARC III Cu	576GB per domain	250TB+	Aggregate = 172GB/sec Peak local = 120.6GB/sec	72 x 64-bit PCI slots	8-MB L2	Power supplies, Sun Fireplane interconnect, system clock, system controller, fans, power cords, data paths, address paths, response paths	Hot swap, CPU, memory, I/O assemblies, PCI cards, power supplies, fan, expanders, system controllers, hot kernel patching	8 CPUs: 1.2GHz, 8GB memory; capacity on demand (COD) available
Sun Fire E20K 	Up to 36 UltraSPARC III Cu UltraSPARC IV	288GB per domain	120TB+	86.4GB/sec peak 21.6GB/sec sustained	36 x 64-bit PCI slots (54 slots are 66MHz and 18 are 33MHz)	32-KB I-cache, 64-KB D-cache, 8-MB L2	CPU/Memory Boards, expander boards, hsPCI+ assemblies, PCI cards, System controller boards, system clock boards, bulk power supplies, fan trys	Hot swappable CPU/memory boards, I/O assemblies, redundant transfer switch modules, power supplies and cooling units, system controllers	36 CPUs: 1.05GHz, 288GB memory; capacity on demand (COD) available
Sun Fire E25K 	Up to 72 UltraSPARC III Cu UltraSPARC IV	576GB	250TB+	172.8GB/sec peak 43.2GB/sec sustained	72 x 64-bit PCI slots (54 slots are 66MHz and 18 are 33MHz)	32-KB I-cache, 64-KB D-cache, 8-MB L2	CPU/Memory Boards, expander boards, hsPCI+ assemblies, PCI cards, System controller boards, system clock boards, bulk power supplies, fan trys	Hot swappable CPU/memory boards, I/O assemblies, redundant transfer switch modules, power supplies and cooling units, system controllers	72 CPUs: 1.05GHz, 576GB memory; capacity on demand (COD) available
Sun Fire E2900 	Up to 12 UltraSPARC III Cu UltraSPARC IV	96GB	250TB+	9.6GB/sec	2 x integrated GB Ethernet ports, 1 x integrated Ultra3 SCSI ports 6 x 64-bit half-length PCI slots	8-MB L2	CPU/memory boards, redundant CPUs, memory banks, Sun Fireplane interconnect system switches, power supplies (2N) for dual power grids	Hot swappable CPU/memory boards, I/O assemblies, redundant transfer switch modules, power supplies and cooling units	12 CPUs: 1.05GHz, 96GB memory; capacity on demand (COD) available
Sun Fire E4900 	Up to 12 UltraSPARC III Cu UltraSPARC IV	96GB	35TB	9.6GB/sec	16 PCI slots (4 slots are 66 MHz and 12 are 33 MHz)	32-KB I-cache, 64-KB D-cache, 8-MB L2	CPU/memory boards, redundant CPUs, I/O assemblies, I/O adapters, system controllers, system clock, Sun Fireplane interconnect, AC power sources, power supplies	Hot swappable CPU/memory boards, I/O assemblies, redundant transfer switch modules, power supplies and cooling units	12 CPUs: 1.05GHz, 96GB memory; capacity on demand (COD) available
Sun Fire E6900 	Up to 24 UltraSPARC III Cu UltraSPARC IV	192GB	77TB	9.6GB/sec	32 PCI slots (4 slots are 66 MHz and 24 are 33 MHz)	32-KB I-cache, 64-KB D-cache, 8-MB L2	CPU/memory boards, redundant CPUs, I/O assemblies, I/O adapters, system controllers, system clock, Sun Fireplane interconnect, AC power sources, power supplies	Hot swappable CPU/memory boards, I/O assemblies, redundant transfer switch modules, power supplies and cooling units	24 CPUs: 1.05GHz, 192GB memory; capacity on demand (COD) available







StorEdge™ Product Family



Product	Interface	Hard Disk Drives	Max Storage	Ports	Operating Environment	Software Support
WORKGROUP						
StorEdge 3310 SCSI	 Ultra3 SCSI LVD	36/73GB-10k rpm	2.6TB (with expansion units)	2	Solaris Operating Environment, Sun Linux on LX50 platform, Microsoft Windows NT, Microsoft Windows 2000, Red Hat Linux	Sun StorEdge Utilization Suite, Sun StorEdge Performance Suite, Solstice Backup, Solstice Disk Suite, Sun Resource Management Suite, Sun StorEdge Availability Suite, VERITAS File System, VERITAS NetBackup, VERITAS Volume Manager with DMP
StorEdge 3310 NAS	 10/100/1000GB Ethernet	36/73GB-10k rpm	2.6TB (with expansion units)	2		
StorEdge 3510	 2GB-FC-AL or Full Fabric FC	36GB-15k rpm, 73/146GB-10k rpm	5.2TB(with expansion units)	8	Solaris Operating Environment, Microsoft Windows NT, Microsoft Windows 2000, Red Hat Linux, IBM AIX, HP-UX	Sun StorEdge Utilization Suite, Sun StorEdge Performance Suite, Solstice Backup, Solstice Disk Suite, Sun Resource Management Suite, Sun StorEdge Availability Suite, VERITAS File System, VERITAS NetBackup, VERITAS Volume Manager with DMP, Sun Cluster 3.0, Sun StorEdge Traffic Manager software
MIDRANGE						
StorEdge 6120	 2GB-FC-AL or Full Fabric FC	36GB-15k rpm, 73GB-10k rpm, 146GB-10k rpm	12TB (42 drives with expansion units)	2-6	Solaris Operating Environment, Red Hat Linux, Microsoft Windows NT, Microsoft Windows 2000, HP-UX, IBM AIX	Sun StorEdge Utilization Suite, Sun StorEdge Performance Suite, Solstice Backup, Solstice Disk Suite, Sun Resource Management Suite, Sun StorEdge Availability Suite, VERITAS File System, VERITAS NetBackup, VERITAS Volume Manager with DMP, Sun Storage Automated Diagnostic Environment, Sun StorEdge Enterprise Storage Manager, Sun Cluster 3.0, Sun StorEdge Configuration Service for the StorEdge 6100 series, Sun StorEdge Traffic Manager software
StorEdge 6320	 2GB-FC-AL or Full Fabric FC	36GB-15k rpm, 73GB-10k rpm, 146GB-10k rpm	45TB (308 drives with expansion cabinet)	2-22	Solaris Operating Environment, Red Hat Linux, Microsoft Windows NT, Microsoft Windows 2000, HP-UX, IBM AIX	Sun StorEdge Utilization Suite, Sun StorEdge Performance Suite, Solstice Backup, Solstice Disk Suite, Sun Resource Management Suite, Sun StorEdge Availability Suite, VERITAS File System, VERITAS NetBackup, VERITAS Volume Manager with DMP, Sun Storage Automated Diagnostic Environment, Sun StorEdge Enterprise Storage Manager, Sun Cluster 3.0, Sun StorEdge Configuration Service for the StorEdge 6300 series, Sun StorEdge Traffic Manager software
StorEdge 6910/6960	 Full Fabric FC	36GB-10/15k rpm, 73GB-10k rpm, 181GB-7200 rpm	655GB – 26TB max system (144 drives with expansion cabinet)	14-28	Solaris Operating Environment, Red Hat Linux, Microsoft Windows NT, Microsoft Windows 2000, HP-UX, IBM AIX	Sun StorEdge Utilization Suite, Sun StorEdge Data Management Center 3.0, Sun StorEdge Performance Suite, Solstice Backup, Solstice Disk Suite, VERITAS File System, VERITAS NetBackup, VERITAS Volume Manager with DMP, Sun Storage Automated Diagnostic Environment, Sun StorEdge Enterprise Storage Manager, Sun Cluster 3.0, Sun StorEdge
DATA CENTER						
StorEdge 9970	 Full Fabric FC ESCON, FICON	36GB-15k rpm, 73GB-10k rpm, 146GB-10k rpm	18TB	8-48	Solaris Operating Environment, Compaq True64 UNIX, HP-UX, IBM AIX, Novell NetWare, Red Hat Linux, SGI IRIX, Microsoft Windows 2000, Microsoft Windows NT	Compaq TruCluster, HP MC/ServiceGuard, IBM HACMP, Microsoft Cluster Server, Novell Cluster Services, Solstice Backup, Solstice Disk Suite, Sun Cluster 3.0, Sun Resource Management Suite, Sun StorEdge 9900 CruiseControl software, Sun StorEdge 9900 DB Validator software, Sun StorEdge 9900 Dynamic Link Manager software, Sun StorEdge 9900 Extended Remote Copy software, Sun StorEdge 9900 FlashAccess software, Sun StorEdge 9900 Graph-Track software, Sun StorEdge 9900 HiCommand software, Sun StorEdge 9900 LUN Manager software, Sun StorEdge 9900 LUN Size Expansion software, Sun StorEdge 9900 Multi-Platform Backup/Restore software, Sun StorEdge 9900 Parallel Access Volumes Software, Sun StorEdge 9900 PAV/MA software, Sun StorEdge 9900 Priority Access Software, Sun StorEdge 9900 RapidXchange software, Sun StorEdge 9900 Resource Manager software, Sun StorEdge 9900 SANtinel software, Sun StorEdge 9900 ShadowImage software, Sun StorEdge 9900 TrueCopy software, Sun StorEdge 9900 Virtual Logical Volume Image software, Sun StorEdge Availability Suite, Sun StorEdge Performance Suite, Sun StorEdge Traffic Manager software, Sun StorEdge Utilization Suite, VERITAS Cluster Server software, VERITAS File System, VERITAS NetBackup, VERITAS Volume Manager with DMP, VMS Cluster
StorEdge 9980	 Full Fabric FC ESCON, FICON	36GB-15k rpm, 73GB-10k rpm, 146GB-10k rpm	147TB	8-64	Solaris Operating Environment, Compaq True64 UNIX, HP-UX, IBM AIX, Novell NetWare, Red Hat Linux, SGI IRIX, Microsoft Windows 2000, Microsoft Windows NT	





Netra™ Systems Product Family



Product		Processors	Clock Speed	Memory	Internal Disk Storage	I/O Connectivity	Cache	Base Configuration
Netra 120		1 UltraSPARC® Ili	650MHz	4GB	72GB	Dual Ethernet/Fast Ethernet port (10/100MB), 1 UltraSCSI port, 2 serial ports, 2 USB ports, 1 33MHz 32bit PCI slot	16-KB I-cache, 16_KB D-cache, 512-KB L2	1x650MHz/512MB/1x36GB-10kHD/1PSU
Netra CT 820		Up to 18 x UltraSPARC® Ili	650 MHz	2.5GB	40GB	18 CompactPCI cPSB, 6U hot swap slots, 2x10/100 BaseT Ethernet, 2 serial ports, 1 USB port	16-KB I-cache, 16_KB D-cache, 512-KB L2	1CPU 650 MHz, 512KB Memory
Netra CT 410/810		Up to 3 x UltraSPARC® Ili/ Up to 7 x UltraSPARC® Ili	650 MHz	4GB	73BG/146GB	Dual 10/100MB Ethernet, 40MB/sec UW SCSI-2, 2 RS-232, 6 standard CompactPCI 6u hot swap slots	16-KB I-cache, 16_KB D-cache, 512-KB L2	1x650MHz/1GB/2x73GB 10kHD/2PSUs/DVD
Netra 240		Up to 2 x UltraSPARC® Ilii	1.2GHz	8GB	146GB	4 GB Ethernet ports, 1 Ultra160 SCSI port, 2 serial ports (1 for system mgmt.), 2 USB ports, 1 full (66MHz) and 2 half (33MHz) 64bit PCI slots, 1 10MB Ethernet port for system management	32-KB I-cache, 64_KB D-cache, 1-MB L2	1x1.28GHz/1GB/1x73GB15kHD/2PSUs
Netra 20		Up to 2 x UltraSPARC® III cu	1.2GHz	8GB	146GB	1 Ethernet/Fast Ethernet port (10/100MB), 1 UltraSCSI port, 2 serial ports, 1 parallel port, 4 USB ports, 1 FC-AL HSSDC copper connector, 4 PCI slots (3 at 33MHz, 1 at 33/66MHz)	32-KB I-cache, 64_KB D-cache, 8-MB L2	1x1.2GHz/1GB/1x73GB10kHD/1PSU
Netra 1280		Up to 12 x UltraSPARC® III cu	1.2GHz	96GB	146GB	2GB Ethernet ports, 1 Ultra3 SCSI port, 6 half length 64bit PCI slots (1 at 66MHz, 5 at 33MHz)	32-KB I-cache, 64_KB D-cache, 8-MB L2	4x1.2GHz/8GB

Sun Blade™ Workstation Product Family



Product		Processors	Clock Speed	Cache	Memory	Internal Disk Storage	Removable Media Devices	I/O Slots	Connectivity	Operating System	Graphic Frame Buffers
Sun Blade 150		1 UltraSPARC® Ili	550/650MHz	512KB L2 on-die	256MB-2GB	2 x 40GB IDE ATA100 drives	CD-ROM/DVD	3 PCI slots (3 x 33MHz)	1 x 10/100 BaseT Ethernet, 1 serial, 4 USB, 1 parallel, 2 IEEE 1394 (Firewire)	Solaris™ 8 (12/02) and Solaris 9 (12/02) preinstalled	Onboard Sun™ PGX64, supports 3 x Sun XVR-100, 2 x Sun XVR-600
Sun Blade 1500		1 UltraSPARC® Ilii	1GHz	1MB L2 on-die	512MB-4GB	Up to 2 x 80GB ATA100	16x DVD standard, Smart Card reader	5 PCI slots (1 x 66MHz; 64-bit/32-bit), (2 x 33MHz; 64-bit/32-bit), (2 x 33MHz; 32-bit)	Integrated Gigabit Ethernet (10/100/1000 BaseT), 4 USB 1.1, 3 USB 2.0, 2 IEEE 1394 (Firewire)	Solaris™ 8 HW 5/03 preinstalled	Supports 3 x Sun XVR-100, 2 x Sun XVR-600
Sun Blade 2000		Up to 2 UltraSPARC® III Cu	900MHz/ 1.2GHz	8MB L2 external	1GB-8GB	Up to 2 x 73GB FC-AL	16x DVD optional, Smart Card reader, 1.44MB floppy, optional tape DDS-3	4 x 64-bit PCI slots (3 x 33MHz, 1 x 66MHz), 2 x UPA 120 slots	1 x 10/100 BaseT Ethernet, 2 serial, 1 single-ended SCSI, 4 USB, 1 parallel, 2 IEEE 1394 (Firewire)	Solaris™ 8 HW (12/02) and Solaris 9 (12/02) preinstalled	Supports 4 x Sun XVR-100, 3 x Sun XVR-600, 2 x Sun XVR-1000, 2 x Sun XVR-1200
Sun Blade 2500		Up to 2 UltraSPARC® Ilii	1.28GHz	1MB L2 on-die	1GB-8GB	Up to 2 x 36GB Ultra160 SCSI	16x DVD standard, Smart Card reader	6 64bit PCI slots (3 at 33MHz, 3 at 66MHz)	Seven USB ports (4 at USB 1.1, 3 at USB 2.0), 2 Firewire ports, 1 parallel port, 1 serial port	Solaris™ 8 HW 5/03 preinstalled	Up to 3 Sun XVR-100, up to 2 Sun XVR-600, up to 2 Sun XVR-1200