

Sun Microsystems Special Promotions for Education and Research January 9, 2007

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Description	EDU Part Number	List Price	US Promo Price	Last Order Date
Ultra™ 20 M2 — The Sun Ultra 20 M2 is a multiplatform, dual-core workstation that provides blazing x64 performance, supports 32-bit/64-bit applications, and comes preloaded with award-winning, enterprise-class development software. http://www.sun.com/desktop/workstation/ultra20				
Sun Ultra 20 M2 Workstation—AMD Opteron Processor Model 1210 (Dual Core 1.8GHz), ATI ES1000 2D graphics controller (mounted on motherboard—no graphics accelerator card installed), 512MB unbuffered DDR2-667 Memory (1 x 512MB DIMM), 80-GB SATA 3GBps 7,200-rpm HDD, 1 x DVD-ROM (plays DVD/CD only—does not record DVD/CD). RoHS-6. FOR EDUCATION	A88-GWZ1AA512FA-E	\$995	\$805	Mar 31, 2007
Sun Ultra 20 M2 Workstation—AMD Opteron Processor Model 1214 (Dual Core 2.2GHz), NVIDIA Quadro FX 560 Graphics Accelerator Card, 1GB unbuffered DDR2-667 Memory (2 x 512MB ECC DIMMs), 80-GB SATA 3GBps 7,200-rpm HDD, 1 x DVD-ROM (plays DVD/CD only—does not record DVD/CD). RoHS-6. FOR EDUCATION	A88-GFZ1AA1GBFA-E	\$1,495	\$1,255	Mar 31, 2007
Sun Ultra 20 M2 Workstation—AMD Opteron Processor Model 1218 (Dual Core 2.6GHz), NVIDIA Quadro FX 1500 Graphics Accelerator Card, 2GB Unbuffered DDR2-667 Memory (2x1GB ECC DIMM), 250-GB SATA 3GBps 7,200-rpm HDD, 1xDVD-Dual (plays/record DVD/CD). RoHS-6. FOR EDUCATION	A88-GGZ1AA2GBGA-E	\$2,795	\$1,955	Mar 31, 2007
Ultra 40 M2 — With the Sun Ultra 40 workstation, you can run 64-bit and 32-bit applications at the same time on a choice of operating systems: Solaris 10, Linux, or Microsoft Windows. Get the horsepower you need for heavy-duty applications and still have compute cycles available to feed the grid. http://www.sun.com/desktop/workstation/ultra40				
Sun Ultra 40 1 x AMD Opteron Model 248 (2.2 GHz/single-core) processor, HT plug to fill second CPU socket, 1GB (2x512MB) DDR-400 ECC memory, 1 x 80GB 7200 rpm SATA HDD with Solaris 10 pre-installed, NVIDIA Quadro NVS 285 DDR2 PCI-Express graphics card, DVD Dual, 2 x 10/100/1000 Ethernet, two x 16 PCI Express slots, two x 4 PCI Express slots, two legacy PCI slots. RoHS-6 compliant. FOR EDUCATION	A71-NFZ1AS1GB-DR-E	\$2,295	\$1,595	Mar 31, 2007
Sun Ultra 40 2 x AMD Opteron Model 254 (2.8 GHz/single-core) processor, 4GB (4 x 1GB) DDR-400 ECC memory, 1 x 250GB 7200 rpm SATA HDD with Solaris 10 pre-installed, NVIDIA Quadro FX1500 PCI-Express graphics card, DVD Dual, 2 x 10/100/1000 Ethernet, two x 16 PCI Express slots, two x 4 PCI Express slots, two legacy PCI slots. RoHS-6 compliant. FOR EDUCATION	A71-NPZ2AQ4GB-DS-E	\$4,995	\$3,295	Mar 31, 2007
Sun Ultra 40 2 x AMD Opteron Model 280 (2.4 GHz/dual-core) processor, 8GB (4 x 2GB) DDR-400 ECC memory, 1 x 250GB 7200 rpm SATA HDD with Solaris 10 pre-installed, NVIDIA Quadro FX3500 PCI-Express graphics card, DVD Dual, 2x10/100/1000 Ethernet, two x 16 PCI Express slots, two x 4 PCI Express slots, two legacy PCI slots. RoHS-6 compliant. FOR EDUCATION	A71-PJZ2AP8GB-DS-E	\$6,995	\$4,795	Mar 31, 2007

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Sun Fire™ X2200 — The Sun Fire X2200 server is the highest performing and most energy efficient 4-way x64 server. With up to twice the memory capacity and network connectivity, it enables users to do more with less - carry out heavy workloads or process large data sets. http://www.sun.com/servers/x64/x2200/				
Sun Fire X2200 M2 x64 Server: 2x AMD Opteron Model 2218 dual core processor (2.6GHz/1MB), 4 x 2GB registered ECC DDR2-667 memory, no Serial ATA drives, no DVD, 1x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 6 x USB 2.0 ports, 1 x I/O riser card with 2 x PCI-Express x 8 slots, no power cords, order Geo-specific x-option. RoHS-5. Standard Configuration. For Education and Research only.	A85-JGZ2-H8GBJL8-E	\$5,895	\$4,550	Mar 31, 2007
Sun Fire X4100 M2 Servers — The Sun Fire X4100 server family includes the fast, reliable Sun Fire X4100 and Sun Fire X4100 M2 servers-energy-efficient one to four-way x64 1 RU servers. Powered by one or two dual-core or single-core AMD Opteron processors, this compact power-saver also runs Solaris OS, Linux, Windows, and Vmware. http://www.sun.com/servers/entry/x4100/				
Sun Fire X4100 M2 x64 Server: 1x AMD Opteron Model 2210 processor (1.8GHz/1MB), four disk chassis, 2 x 1GB DDR2-667 memory, no HDD, 1x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 3 x USB 2.0 ports, 2 x 8-lane PCI-E slots, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A86-FWZ11N2GAL9-E	\$2,595	\$1,795	Mar 31, 2007
Sun Fire X4100 M2 x64 Server: 2x AMD Opteron Model 2216 (2.4GHz/1MB) processor, 4 x 1GB DDR2-667 memory, 2 x 73GB 10K RPM SAS drive, DVD-ROM/CD-RW, 2 x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 3 x USB 2.0 ports, 2 x 8-lane PCI-E slots, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A86-FJZ22H4GCBA-E	\$5,795	\$3,595	Mar 31, 2007
Sun Fire X4100 M2 x64 Server: 2x AMD Opteron Model 2218 (2.6GHz/1MB) processor, 4x 2GB DDR2-667 memory, 2 x 73GB 10K RPM SAS drive, DVD-ROM/CD-RW, 2 x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 3 x USB 2.0 ports, 2x 8-lane PCI-E slots, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A86-FGZ22H8GCBA-E	\$7,995	\$5,095	Mar 31, 2007
Sun Fire X4100 M2 x64 Server: 2x AMD Opteron Model 2220 SE (2.8GHz/1MB) processor, 4 x 2GB DDR2-667 memory, 2 x 73GB 10K RPM SAS drive, DVD-ROM/CD-RW, 2 x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 3 x USB 2.0 ports, 2 x 8-lane PCI-E slots, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A86-KPZ22H8GCBA-E	\$9,395	\$5,495	Mar 31, 2007
Sun Fire X4200 Servers — For pure growth potential and speed in an x64 2 RU rack server, the Sun Fire X4200 server family includes the fast, reliable Sun Fire X4200 and Sun Fire X4200 M2 servers-an expandable one-way to four-way server in its class. For virtually unmatched flexibility, it also runs Solaris OS, Linux, Windows, and Vmware. http://www.sun.com/servers/entry/x4200/				
Sun Fire X4200 M2 x64 Server: 1x AMD Opteron Model 2210 processor (1.8GHz/1MB), four disk chassis, 2 x 1GB DDR2-667 memory, no HDD, 1x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 4 x USB 2.0 ports, 4 x 8-lane PCI-E slots, 1 x 133MHz PCI-X slot, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A87-FWZ11N2GAL8-E	\$2,995	\$1,895	Mar 31, 2007
Sun Fire X4200 M2 x64 Server: 2x AMD Opteron Model 2216 (2.4GHz/1MB) processor, 4x 2GB DDR2-667 memory, 2 x 73GB 10K RPM SAS drive, DVD-ROM/CD-RW, 2 x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 4 x USB 2.0 ports, 4 x 8-lane PCI-E slots, 1 x 133MHz PCI-X slot, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A87-FJZ22H4GCBA-E	\$7,795	\$3,795	Mar 31, 2007
Sun Fire X4200 M2 x64 Server: 2x AMD Opteron Model 2220 SE (2.8GHz/1MB) processor, 4x 2GB DDR2-667 memory, 2 x 73GB 10K RPM SAS drive, DVD-ROM/CD-RW, 2x PSU, Service Processor, 4 x 10/100/1000 Ethernet ports, 4 x USB 2.0 ports, 4 x 8-lane PCI-E slots, 1 x 133MHz PCI-X slot, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A87-KPZ22H8GCBA-E	\$9,795	\$5,695	Mar 31, 2007
Sun Fire X4200 M2 x64 Server: 2x AMD Opteron Model 2218 (2.6GHz/1MB) processor, 4 x 4GB DDR2-667 memory, 4 x 73GB 10K RPM SAS drive, DVD-ROM/CD-RW, 2x PSU, Service Processor, 4x 10/100/1000 Ethernet ports, 4 x USB 2.0 ports, 4 x 8-lane PCI-E slots, 1 x 133MHz PCI-X slot, no power cord, order Geo-specific x-option. Standard Configuration. RoHS-5. FOR EDUCATION	A87-FGZ22H16GCDA-E	\$13,895	\$7,695	Mar 31, 2007
Sun Fire X4500 — By integrating state of the art server and storage technologies, the Sun Fire X4500 Server delivers the remarkable performance of a four-way x64 server and the highest storage density available, with up to 24 TB in 4U of rack space. This system also delivers incredibly high data throughput for about half the cost of traditional solutions. http://www.sun.com/servers/x64/x4500/				

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Sun Fire X4500 x64 Server: 2x AMD Opteron Model dual-core 285 (2.6GHz/1MB) processor, 16GB PC3200 DDR1/400 (8 x 2GB) memory, 48 SATA 3.5" 500GB 7200RPM HDD; 24TB, 2 x PSU, Service Processor, 4x 10/100/1000 Ethernet ports, 4 x USB 2.0 ports, 2 64-bit/133MHz PCI-X slots, 1 x 64-bit/100MHz PCI-X slot, VGA port, no power cord, order Geo-specific x-option. Solaris 10 OS preinstalled, RoHS-5. For Education and Research only.	A76-PGZ216GHMH-E	\$69,995	\$34,995	Mar 31, 2007
Sun Fire X4600 — The Sun Fire X4600 servers pack the power of two Xeon 4P servers into a single compact 4 RU, energy-efficient system. Its modular design makes upgrade to future processor technologies simple and nondisruptive. The server's virtualization options enable datacenters to scale several times their capacity, providing higher ROI. http://www.sun.com/servers/x64/x4600/				
Sun Fire X4600 M2 x64 server: 4x AMD Opteron Model 8218 processor, 8x 2GB DDR2-667 memory, 2x73 GB SAS drive, DVD-ROM, 4xPSU, Service Processor, 4x 10/100/1000 BaseT Ethernet ports, 4xUSB 2.0 ports, 2x PCI-X slots, 6x PCI-E slots (4x8-lane, 2x4-lane), and slide rail kit. No power cord, must order Geo- specific power cord option, ROHS-5. Standard Configuration. FOR EDUCATION ONLY	A67-HGZ44S016CB1-E	-----	\$17,550	June 30, 2007
Sun Fire X4600 M2 x64 server: 8x AMD Opteron Model 8218 processor (2.6 GHz), 16x 2GB DDR2-667 memory, 2x73 GB SAS drive, DVD-ROM, 4xPSU, Service Processor, 4x 10/100/1000 BaseT Ethernet ports, 4xUSB 2.0 ports, 2x PCI-X slots, 6x PCI-E slots (4x8-lane, 2x4-lane), and slide rail kit. No power cord, must order Geo- specific power cord option, ROHS-5. Standard Configuration. FOR EDUCATION ONLY	A67-HGZ84S032CB1-E	-----	\$34,125	June 30, 2007
Sun Ray™ Bundle — Sun Ray Monitor Bundles provide a convenient and lower cost option for purchasing Sun Ray 2 and Sun Ray 2FS Virtual Display Clients with Sun flat panel monitors. http://www.sun.com/sunray/sunray_monitor_bundles/index.xml				
Sun Ray 2 with 19" flat panel monitor bundle. Includes one Sun Ray 2 client with one Sun 19" flat panel display (1280 x 1024 resolution). RoHS 6 complaint. Type 7 country kit not included. FOR EDUCATION ONLY.	NTC-10Z-7202A-01-E	\$899	\$649	Mar 31, 2007
Sun Ultra 25 Workstation — The Sun Ultra 25 Workstation delivers UltraSPARC IIIi processor performance and enhanced connectivity, storage capacity, graphics, and ergonomics at an affordable price. http://www.sun.com/desktop/workstation/ultra25/				
Sun Ultra 25 Workstation —RoHS-6 1.34GHz UltraSPARC IIIi Processor with 1MB on-die L2 Cache, Sun XVR-2500 Graphics Accelerator,1GB DDR1 Memory (2 x 512MB DIMMS), 1 x 80GB 7200rpm SATA Hard Disk, DVD-Dual, 2 x 10/100/1000 BaseT Ethernet ports, 2 x Serial ports, 6 x USB2.0 ports, 2 x full-length PCI-X slots, 3 x PCI-Express slots, Solaris 10 pre-installed (Standard Configuration) Education ONLY	A89-XHZB19AG1GDT-E	\$3,995	\$2,945	June 30, 2007
Sun Ultra 45 Workstation — The Sun Ultra 45 Workstation can boost your ROI by leveraging unused compute cycles to power your compute grids. http://www.sun.com/desktop/workstation/ultra45				
Sun Ultra 45 Workstation- RoHS-6 model 1.6GHz-,1 * 1.6GHz UltraSPARC IIIi Processor with 1MB on-die L2 Cache, Sun XVR-300 Graphics Accelerator, 1GB DDR1 Memory (2 * 512MB DIMMS), 1 * 250GB 7200rpm SATA Hard Disk, 1* DVD-Dual, 2 * 10/100/1000 BaseT Ethernet ports, 2 * Serial ports, 6 * USB2.0 ports, 2 * full-length PCI-X slots, 3 * PCI-Express slots, Solaris 10 pre-installed (Standard Configuration) FOR EDUCATION ONLY	A70-XHZB19AT1GDT-E	-----	\$2,850	June 30, 2007
Sun Ultra 45 Workstation- RoHS-6 model 1.6GHz, 2 * 1.6GHz UltraSPARC IIIi Processor with 1MB on-die L2 Cache,Sun XVR-300 Graphics Accelerator, 2GB DDR1 Memory (2 * 1GB DIMMS), 1 * 250GB 7200rpm SATA Hard Disk, 1 * DVD-Dual, 2 * 10/100/1000 BaseT Ethernet ports, 2 * Serial ports, 6 * USB2.0 ports, 2 * full-length PCI-X slots, 3 * PCI-Express slots, Solaris 10 pre-installed (Standard Configuration) FOR EDUCATION ONLY	A70-XHZB29AT2GDT-E	-----	\$4,255	June 30, 2007
Sun Fire V215 Server — The Sun Fire V215 server can immediately give you compact compute density and high data throughput, all while protecting your existing IT investments. http://www.sun.com/servers/entry/v215/				
Sun Fire V215, 2 x 1.5GHz UltraSPARC IIIi, 2GB, 2 x 73GB Drive, 2 x PSU, 4 x 10/100/1000 Gigabit Ethernet, ALOM Remote Manager, 1 x PCI X & 1 x PCI E Slot,& Java ES & Solaris 10 pre-installed. RoHS 5. EDU ONLY	215-ELZ2C12GC2-E	\$6,845	\$4,575	Mar 31, 2007

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Sun Fire V245 Server — The Sun Fire V245 is a two processor, 2 RU model that can handle your most important applications, and accelerate them up to 18 percent faster, with consistent reliability. http://www.sun.com/servers/entry/v245/				
Sun Fire V245, 2 x 1.5GHz UltraSPARC IIIi, 8GB, 2 x 73GB Drive, 4 x 10/100/1000 Gigabit Ethernet, ALOM Remote Manager, 2 x PCI X & 2 x PCI E slots, 2 x PSU & Java ES & Solaris 10 pre-installed. RoHS 5. EDU ONLY	245-ELZ2C18GC2-E	\$12,195	\$7,599	Mar 31, 2007
Sun Fire V245, 2 x 1.5GHz UltraSPARC IIIi, 2GB, 2 x 73GB Drive, 4 x 10/100/1000 Gigabit Ethernet, ALOM Remote Manager, 2 x PCI X & 2 x PCI E slots, 2 x PSU & Java ES & Solaris 10 pre-installed. RoHS 5. EDU ONLY	245-ELZ2C12GC2-E	\$8,145	\$5,205	Mar 31, 2007
Sun Fire V445 Server — The Sun Fire V445 server is by far the best performer in its class, and the only one in its class capable of offering an average unplanned downtime of just three minutes per year. http://www.sun.com/servers/entry/v445/				
Sun Fire V445 Server, 4 x 1.593 GHz UltraSPARC IIIi processors with 1 MB Cache each, 16 GB Memory (16 x 1 GB DIMMS), 2 x 73 GB 10K RPM, 2.5", SAS Disks, DVD-ROM, 4 power supplies, Solaris 10 + Java Enterprise System Software pre-installed. RoHS Compliant. (Standard Configuration). RoHS-5. EDU ONLY	445-EHZ4C1-16CB-E	\$33,495	\$20,095	Mar 31, 2007
Sun Fire V445 Server, 4 x 1.593 GHz UltraSPARC IIIi processors with 1 MB Cache each, 8 GB Memory (16 x 512MB DIMMS), 2 x 73 GB 10K RPM, 2.5", SAS Disks, DVD-ROM, 4 power supplies, Solaris 10 + Java Enterprise System Software pre-installed. RoHS Compliant. (Standard Configuration) EDU ONLY	445-EHZ4C1-08CB-E	\$25,995	\$15,595	Mar 31, 2007
Sun Fire V490 Serve — Up to four processors per box with eight threads and 64GB of memory make it ideal for securing and delivering multiple applications and business processes or distributed databases. http://www.sun.com/servers/midrange/v490/index.xml				
Sun Fire V490 Server, 2 x 1.8GHz UltraSPARC IV+ processors with 32MB cache each, 16GB memory (16 x 1GB DIMMS), 2 x 146GB 15Krpm FC-AL hard disks, DVD RW, 2 10/100/1000 Ethernet ports, 1 serial port, 2 USB ports, 6 x PCI slots, 2 (N+1 redundant) power supplies, Solaris 10 and JES ES version 4 pre-installed (Standard Configuration) RoHS-5 Compliant for Education only.	A52-CWZ2C416GYB6-E	\$55,955	\$32,415	Mar 31, 2007
Sun Fire V890 Server — Put the new UltraSPARC IV+ processor to work in this deskside or rack-mountable 17 RU tower and get over 5x faster performance, extensive compute capacity, and doubled memory. It is scalable to eight processors, 16 threads and 128 GB of memory to give you headroom to spare. http://www.sun.com/servers/midrange/v890/index.xml				
Sun Fire V890 Server, 2 x 1.8GHz UltraSPARC IV+ processors with 32MB cache each, 8GB of DRAM (16 x 512MB DIMMS), 4 x 146GB 15Krpm FC-AL hard disks, DVD R/W, 1 x FC-AL disk controller, 1 x Gigabit Ethernet, 1 x 10/100 BaseT Ethernet port, 2 x serial ports via splitter (not provided), 2 x USB ports, 9 x PCI slots, 3 power supplies & redundant cooling fan trays, Solaris 10 and Java ES pre-installed RoHS-5 Compliant (Standard Configuration) for Education only.	A53-CWZ2C408GYD6-E	\$44,495	\$27,559	Mar 31, 2007
Sun StorageTEK™ 6140 — The Sun StorageTek 6140 array is the perfect blend of performance, high availability and reliability all in one economical package. http://www.sun.com/storagetek/disk_systems/midrange/6140/				
Sun StorageTek™ 6140 array with 2GB cache and 4 host ports, Rack-Ready Controller Tray, 8000GB, 16 x 500GB 7.2Krpm SATA Drives, 2 x 1GB-cache memory FC RAID Controller cards, 2 x redundant AC power supplies, 2 x redundant cooling fans, 2 x copper FC ports for expansion trays and 4 x host ports with shortwave SFPs, 2 x 5M fibre optic cables, 2 x 6M ethernet cables and management software, 3 yr on-site warranty included (Standard Configuration), RoHS-5. EDU ONLY	XTB6140R11A2A800-E	\$30,595	\$19,750	Mar 31, 2007
Sun StorageTek™ 6140 array with 2GB cache and 4 host ports, Rack-Ready Controller Tray, 4800GB, 16 x 300GB 10Krpm 2Gb FC-AL Drives, 2 x 1GB-cache memory FC RAID Controller cards, 2 x redundant AC power supplies, 2 x redundant cooling fans, 2 x copper FC ports for expansion trays and 4 x host ports with shortwave SFPs, 2 x 5M fibre optic cables, 2 x 6M ethernet cables and management software, 3 yr on-site warranty included (Standard Configuration). RoHS-5. EDU ONLY	XTB6140R11A2X480-E	\$54,895	\$32,995	Mar 31, 2007



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