

**Hardware and Software
Engineered to Work Together**

SUN HARDWARE FROM ORACLE: PRICING FOR EDUCATION

AFFORDABLE, RELIABLE, AND GREAT PRICES FOR EDUCATION

- Optimized Sun systems run Oracle and other leading operating and virtualization platforms with greater performance and efficiency.
- Best-of-breed storage optimizes performance, maximizes data protection, and reduces your total cost of ownership.
- Oracle Sun products are built on open standards that work with your existing infrastructure.

In today's challenging economy, it is difficult for you to implement IT solutions that meet the needs of your educational institution while remaining conscious of your budget. And low cost solutions sometimes mean you have to sacrifice performance, capacity and sustainability—tradeoffs that are unacceptable in an increasingly demanding education environment.

Oracle Systems for Education

For decades, Oracle has helped educational institutions solve big problems on a limited budget and help customers realize savings on a total cost of ownership (TCO) basis by consolidating disparate systems from multiple vendors into a seamless solution from a single partner.

Now Oracle can offer education institutions unmatched savings on its award-winning systems products making it more affordable for educational institutions to create scalable, high-performing, and low TCO teaching and learning environments. With discounts off list price of selected Sun products from Oracle, the net result is that Oracle can assist you in reducing the impact on your budget in two ways:

- Lower your total cost for technology acquisition of systems and hardware
- Reduce your institution's impact on the environment by running and maintaining a lower cost, more efficient infrastructure

Oracle's Education Program Offering





Start today to take advantage of this exciting, new program from Oracle. The table on the next page describes the products offered with this program and provides links to more detailed information about these Sun products. Select the combination of products that best suits your institution's needs and contact your Oracle Sales Representative for more information about discount opportunities.




Oracle's Commitment to Education

This hardware pricing program for Oracle education customers is just one of the many ways Oracle continues to invest in education globally. Besides developing best-in-class education-specific products and programs, Oracle leads the high tech industry with its innovative, standards-based technology and hardware and services that provide education customers with the latest enabling technologies and many deployment model choices. For more information about all the products and programs for higher education and research institutions, visit [Higher Education and Research on Oracle.com](#).

Oracle also contributes more than \$2Billion to education through the various programs under [Oracle's Commitment to Advance Education](#).




Education Configuration and Pricing on Sun Server Products from Oracle


				
Name	SPARC T3-1 Server	SPARC T3-2 Server	SPARC T4-1 Server	SPARC T4-2 Server
Configuration With Education Program Pricing	(1) 16-core 1.65GHz SPARC T3 Processor, 8GB (4 x 2GB) DDR3 Memory, (2) 300GB 10K RPM 2.5" SAS Disks (8 Internal Drive Bays), (1) SATA 8X DVD+/-RW Drive, (4) 10/100/1000Mb Ethernet Ports, (4) External USB Ports, (4) Dedicated, Low Profile PCI-E 2.0 x8 Slots, (2) Combination PCI-E 2.0 x8/XAUI (10Gb Ethernet) Slots, (2) 1200W Redundant AC Power Supplies (N+1), Express Rail Kit, Solaris 10, Oracle VM Server for SPARC	(2) 16-core 1.65GHz SPARC T3 Processors, 64GB (16 x 4GB) DDR3 Memory, (2) 300GB 10K RPM 2.5" SAS Disks (6 Internal Drive Bays), (1) SATA 8X DVD+/-RW Drive, (4) 10/100/1000Mb Ethernet Ports, (4) External USB Ports, (1) 4x QDR (40Gb/sec) Infiniband PCIe HCA, (8) Low Profile PCI-E 2.0 x8 Slots, (2) Low Profile PCI-E 2.0 x4 Slots, (1) XAUI (10Gb Ethernet) Slot, (2) 2000W Redundant AC Power Supplies (N+1), (1) StorageTek (Qlogic) Dual-Port 8Gb Fibre Channel PCI-E HBA, Express Rail Kit, Solaris 10, Oracle VM Server for SPARC	(1) SPARC T4 8-core 2.85GHz processor, 32GB (8 x 4GB) DDR3 Memory, (2) 300GB SAS-2 Disk Drives (8 Internal Drive Bays), (1) SATA 8X DVD+/-RW Drive, (4) 10/100/1000Mb Ethernet Ports, (4) External USB Ports, (4) Dedicated, Low Profile PCI-E 2.0 x8 Slots, (2) Combination PCI-E 2.0 x8/XAUI (10Gb Ethernet) Slots, (1) 10/100BASE-T port for serial management, (1) 10/100BASE-T port for network management, (2) 2060W Redundant AC Power Supplies (N+1), Express Rail Kit, Solaris 10, Oracle VM for SPARC preinstalled	(2) SPARC T4 8-cores 2.85GHz processors, 64GB (16 x 4GB) DDR3 Memory, (2) 300GB SAS-2 Disk Drives (6 Internal Drive Bays), (1) SATA 8X DVD+/-RW Drive, (4) 10/100/1000Mb Ethernet Ports, (4) External USB Ports, (8) Low Profile PCI-E 2.0 x8 Slots, (2) Low Profile PCI-E 2.0 x4 Slots, (1) XAUI (10Gb Ethernet) Slot, (1) 10/100BASE-T port for serial management, (1) 10/100BASE-T port for network management, (2) 2060W Redundant AC Power Supplies (N+1), Express Rail Kit, Solaris 10, Oracle VM Server for SPARC preinstalled
Processor/CPU's	16-core 1.65 SPARC T3 processors; one processor per system, max. 128 threads	16-core 1.65 SPARC T3 processors; two processors per system, max. 256 threads	8-core 2.85 SPARC T4 processors; one processor per system, max. 64 threads	8-core 2.85 SPARC T4 processors; two processors per system, max. 128 threads
Warranty/service	oracle.com/sun/warranty	oracle.com/sun/warranty	oracle.com/sun/warranty	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.

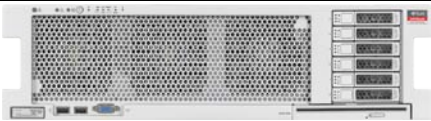
			
Name	Sun SPARC Enterprise M3000 Server	Sun SPARC Enterprise M4000 Server	Sun SPARC Enterprise M5000 Server
Configuration With Education Program Pricing	(1) 2-core 2.86GHz SPARC64 VII+ Processor, 8GB (4 x 2GB) DDR2 Memory, (2) 300GB 10K RPM 2.5" SAS Disks (4 internal drive bays), (1) DVD+/-RW Drive, (4) 10/100/1000Mb Ethernet Ports, (4) PCI-E x8 Slots, (2) Hot-Swappable AC Power Supplies (N+1), Express Rail Kit	(2) 4-core 2.66GHz SPARC64 VII+ Processors, 32GB (16 x 2GB) DDR2 Memory, (2) 300GB 10K RPM 2.5" SAS Disks, (1) DVD+/-RW Drive, (2) 10/100/1000Mb Ethernet Ports, (4) PCI-E x8 Slots, (1) 64-bit PCI-X 133MHz Slot (1 I/O Unit), (2) Hot-Swappable AC Power Supplies (N+1), (1) StorageTek (Qlogic) Dual-Port 8Gb Fibre Channel PCI-E HBA, (1) Sun Quad Gigabit Ethernet x8 PCI-E NIC, Express Rail Kit	(4) 4-core 2.66GHz SPARC64 VII+ Processors, 64GB (32 x 2GB) DDR2 Memory, (2) 300GB 10K RPM 2.5" SAS Disks, (1) DVD+/-RW Drive, (4) 10/100/1000Mb Ethernet Ports, (8) PCI-E x8 Slots, (2) 64-bit PCI-X 133MHz Slot (2 I/O Units), (4) Hot-Swappable AC Power Supplies (2+2), (2) StorageTek (Qlogic) Dual-Port 8Gb Fibre Channel PCI-E HBAs, (1) 4x QDR (40Gb/s) Infiniband PCIe HCA, Express Rail Kit
Processor/CPU's	Quad-core or dual-core 2.75 GHz SPARC64 VII processor; one processor per system; two simultaneous threads per core	Mix and match up to four SPARC64 VI dual-core or SPARC64 VII quad-core processors; SPARC64 VI: 2.15 GHz; SPARC64 VII: 2.53 GHz	Mix and match up to eight SPARC64 VI dual-core or SPARC64 VII quad-core processors; SPARC64 VI: 2.15 GHz; SPARC64 VII: 2.53 GHz
Warranty/service	oracle.com/sun/warranty	oracle.com/sun/warranty	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.

Note: Some configurations may be expanded, modified, or customized. Please contact your sales representative for more details.

Education Configuration and Pricing on Sun Server Products from Oracle, cont.





			
Name	Sun Fire X2270 M2 Server	Sun Fire X4170 M2 Server	Sun Fire X4270 M2 Server
Configuration With Education Program Pricing	(2) 6-core 3.06GHz Intel Xeon X5675 Processors, 24GB (6 x 4GB) DDR3 Memory, (1) 1TB 7.2K RPM 3.5" SATA Disk (4 Internal Drive Bays), (2) 10/100/1000Mb Ethernet Ports, (1) Serial Port, (4) External USB Ports, (1) Low Profile PCI-E 2.0 x16 Slot, (1) 600W AC Power Supply, Express Rail Kit.	(2) 6-core 2.53GHz Intel Xeon E5649 processor, 16GB DDR3 Memory, (2) 300GB SAS-2 drives, DVI+/- RW, (1) Sun Storage 6Gb SAS PCIe RAID HBA, Internal, dual power supplies, sliding rack rail and Solaris preinstalled.	(2) 6-core 3.06GHz Intel Xeon X5675 Processors, 24GB (6 x 4GB) DDR3 Memory, (2) 300GB 15K RPM 3.5" SAS Disks (12 Internal Drive Bays), (4) 10/100/1000Mb Ethernet Ports, (1) Serial Port, (4) External USB Ports, (6) Low Profile PCI-E 2.0 x8 Slots, (1) 1200W AC Power Supply, (1) 6Gb SAS PCI-E RAID HBA, Express Rail Kit
Processor/CPUs	One or two Intel Xeon Processors 5600 Series	One or two Intel Xeon Processors 5600 Series	One or two Intel Xeon Processors 5600 Series
Warranty/service	oracle.com/sun/warranty	oracle.com/sun/warranty	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.


	
Name	Oracle Database Appliance: Sun Fire X4370 M2 Server Base
Configuration With Education Program Pricing	2 server nodes each with (2) 6-core 3.06GHz Intel Xeon X5675 processors, 96GB DDR3 Memory. 4U rack-mountable system pre-installed with Oracle Linux and Oracle appliance manager software. (20) 3.5-inch 600 GB 15K rpm SAS HDDs, (4) 3.5-inch 73 GB SAS SSDs, Oracle ILOM, Dual-redundant, hot-swappable power supply
Processor/CPUs	Two 6-core Intel Xeon processors X5675 per server node
Warranty/service	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for more information about pricing for education customers.

	
Name	Sun Fire X4470 M2 Server
Configuration With Education Program Pricing	(2) 8-core 2.26GHz Intel Xeon X7560 Processors, 64GB (8 x 8GB) DDR3 Memory, (2) 300GB 10K RPM 2.5" SAS Disks (6 Internal Drive Bays), (4) 10/100/1000Mb Ethernet Ports, (4) External USB Ports, (8) Low Profile PCI-E 2.0 x8 Slots, (2) Low Profile PCI-E 2.0 x4 Slots, (2) Redundant 2000W AC Power Supplies (N+1), (1) 6Gb SAS PCI-E RAID HBA, Express Rail Kit
Processor/CPUs	Two or four Intel Xeon Processors 7500 Series
Warranty/service	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for more information about pricing for education customers.

Note: Some configurations may be expanded, modified, or customized. Please contact your sales representative for more details.


Education Configuration and Pricing on Sun Storage Products from Oracle



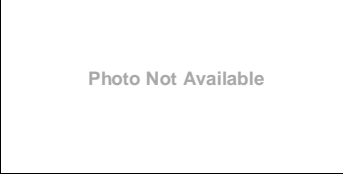
				
Name	Sun ZFS Storage 7120 Appliance	Sun ZFS Storage 7320	Sun ZFS Storage 7420	Sun 7000 Series Disk Shelf
Configuration With Education Program Pricing	(1) 4-core 2.4GHz Intel Xeon E5620 processor, 24GB DDR3 Memory, (11) 3TB 7200rpm SAS-2 Disk Drives and one 73GB write-optimized SSD. (NO cloning or replication software included).	(2) 4-core 2.4GHz Intel Xeon E5620 Processors, 24GB DDR3 Memory, (1) SAS-2 HBA, (2) 512GB SSD Read Flash Accelerators, (4) 10/100/1000Mb Ethernet Ports, and (2) Redundant, Hot-Swappable Power Supplies, (1) Sun Disk Shelf with (20) 3TB 7.2K RPM 3.5" SAS-2 Disks [supports up to 4 Sun Disk Shelves], (1) 73GB SSD Write Flash Accelerators, Rail Kit. Storage Appliance Cloning Software and Storage Appliance Replication Software.	(2) controller for cluster configuration - Each with 2 Intel Xeon X7550 8-core 2.0 GHz processors and (2) SAS-2 HBAs, 128GB DDR3 Memory, (2) 512GB SSD Read Flash Accelerators, (4) 10/100/1000Mb Ethernet Ports, (1) Quad GigE Adapter, (1) QDR (40Gb/sec Infiniband PCI-E HCA, (2) Redundant, Hot-Swappable Power Supplies; Storage Appliance Cloning Software and Storage Appliance Replication Software for each node; (2) disk shelf - Each with (20) 3TB 7.2K RPM 3.5" SAS-2 Disks, and (1) 73GB SSD Write Flash Accelerators, Rail Kit.	Sun 7000 Series disk shelf: base chassis with (24) 3TB 7200 rpm 3.5-inch SAS-2 HDD,(2) SAS-2 I/O modules, (2)AC PSUs, (2) cooling fans and rail kit. Can be utilized with 7120, 7320 or 7420 arrays.
Processor/CPUs	4x 2.4 GHz Intel® Xeon® Processors cores	8x 2.4GHz Intel® Xeon® Processors cores per controller	Up to 32x 1.86 GHz or 2.0GHz Intel® Xeon® Processors cores per controller	8-core 2.85 SPARC T4 processors; two processors per system, max. 128 threads
Warranty/service	oracle.com/sun/warranty	oracle.com/sun/warranty	oracle.com/sun/warranty	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.

		
Name	Sun Storage 2540 M2 Array	Sun Storage 2501 M2 Expansion Tray (up to 3 trays)
Configuration With Education Program Pricing	<p>M2 Array: (5) 300 GB 15000 rpm 3.5-inch SAS-2 HDD [expandable to 12 disks/tray] , (2) Hardware RAID controllers with (4) 8 Gb/sec FC ports and 1 GB cache per controller, (8) shortwave 8Gb FC SFPs, (2) SAS-2 ports for optional 2501 M2 expansion tray connectivity, (2) Hot swappable power supplies, rail kit, storage management software</p> <p>Expansion Tray: (1) 2501 M2 Expansion Tray (scales from 5 to 12 hard disk drives) with (2) I/O Modules (IOMs), (4) 6Gb/sec SAS-2 Ports (2 per IOM), (2) SAS interconnect cables, and (5) 300GB 15K RPM SAS-2 Disks, Redundant Power and Cooling, Rail Kit, Requires Sun Storage 2540 M2 Array, (1) to (3) 2501 M2 Expansion Trays can be connected for a maximum 2540 M2 configuration of up to (48) disk drives</p>	
Warranty/service	oracle.com/sun/warranty	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for more information about pricing for education customers.	

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Education Configuration and Pricing on Sun Storage Products from Oracle

	
Name	StorageTek SL500 Modular Library System
Configuration With Education Program Pricing	The SL500 is a expandable "rackmountable" FC rack-based modular tape library. This configuration has (92) activated cartridge slots, (3) LTO5 8Gb FC tape drives, (1) Drive Expansion Modules w/ 1/3 slots KEY, (2) 5-slot Cartridge Access Ports, Operator Panel, Ethernet and serial ports for diagnostics and reporting. Base unit + DEM is 16RU's.
Warranty/service	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for more information about pricing for education customers.

			
Name	F5100 40 Flash Array	Sun Flash Accelerator F20	Sun Datacenter 36 Port IB Switch
Configuration With Education Program Pricing	960 GB solid state Flash array with 40 x 24GB SATA enterprise-class SLC Flash modules, 16 x 4-wide 3Gb/s SAS ports, 2 x 720W Power Supplies, rail kit, cable management arm, 2 x SAS cables (3m), 4 x Energy Storage Modules, Common Array Management software	96 GB solid state Flash Accelerator PCIe card with 2 x 4-wide SAS-1 ports for internal disk drives, 4 x 24GB enterprise-class SLC Flash modules, integrated super cap power backup, low profile	1U form factor, (36) 4x QDR (40Gb/sec) InfiniBand (IB) Ports using QSFP Connectors, (2) Hot-Swappable AC Power Supplies (N+1), Embedded IB Subnet Manager, Oracle Integrated Lights Out Manager (ILOM) Enclosure Management
Warranty/service	oracle.com/sun/warranty	oracle.com/sun/warranty	oracle.com/sun/warranty
Pricing	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.	Contact your Oracle sales representative for pricing.

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Contact Us

For more information about Oracle's Sun servers, storage, and networking equipment, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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