

High-performance workstation at an entry-level price.

With multiple configurations to choose from, you're sure to find a SPARCstation 5 system that suits the work you do. The SPARCstation 5 Model 170 offers a choice in monitors and graphics. And inside every SPARCstation 5 system there's room for one floppy drive, two hard drives, three SBus slots, and even a CD-ROM. Because your desktop space is at a premium, we used a compact pizza-box design. The SPARCstation 5 comes standard with 32-MB memory, expandable up to 256 MB. You can store large graphics files with up to 118 GB of mass storage.

Innovative multimedia capabilities include 16-bit CD-quality audio, speaker, external microphone, the ShowMe™ whiteboard and shared applications software, and the SunVideo™ card, giving you the tools you need to communicate better, worldwide.

The SPARCstation 5 Model 170, in combination with the Internet Access PlusPack™ is an ideal Internet development and viewing

workstation. The Model 170 provides a low cost solution for developing Java™ applets as well as browsing and publishing online information on internal intranets and on the Internet. The newest SunPC™ card makes the SPARCstation 5 Model 170 an excellent choice for the enterprise desktop. These products allow users to run their UNIX® and Windows applications all in one desktop at an affordable price.

And the Solaris™ operating environment, the leader for enterprise-wide computing, combines an easy-to-use graphical user interface

SPARCstation 5 Specifications

Processor

Architecture	SPARC Version 8, 170-MHz TurboSPARC (microSPARC-II compatible)
Memory management	SPARC reference MMU with 256 contexts
Cache	16-KB data and instruction on chip

Main Memory (Parity)

8- and 32-MB SIMM expansion	
88 MB maximum (with 32-MB base config plus 8-MB SIMMs)	
256 MB maximum (with 32-MB SIMMs)	

Standard Interfaces

Ethernet	10-Mb/sec twisted-pair standard (10-BaseT)
SCSI	AUI available with optional adapter cable
Serial	10-Mb/sec SCSI-2 (synchronous)
Parallel	Two RS-232C/RS-423 synchronous serial ports
Audio	Centronics-compatible parallel port (cable required)
SBus	16-bit audio; 48 kHz; internal speaker and external microphone
	Three expansion slots; 32-bit data bus width

Mass Storage

Internal floppy disk	Optional 3.5-in. MS-DOS/IBM compatible (720 KB, 1.2 MB, 1.44 MB formatted)
Internal disk	Two 3.5-in. x 1-in. pluggable disks (2.1 GB formatted)
Internal CD	Optional 644-MB SunCD™ 4, quad speed, PhotoCD™ compatible
External desktop storage	Disk: 2.1 GB 3.5-in.; 4.2 GB 3.5-in.; 113 GB max. (using 2.1-GB internal, 4.2-GB external disks, and 1 SPARCstorage Array Model 102); 644-MB CD-ROM; Tape: 16-32 GB 4mm DDS-2 tape autoloader; 20-40 GB SPARCstorage DLT™ 4000; 140-280 GB SPARCstorage DLT 4700; 140-GB SPARCstorage Library Model 8/140

Graphics

SPARCstation 5 S24	24-bit color graphics, 1152 x 900
SPARCstation 5 TurboGX	8-bit 2-D/3-D wireframe, 1152 x 900 resolution
SPARCstation 5 TurboGXplus	8-bit 2-D/3-D wireframe, 1152 x 900 or 1280 x 1024 resolution, hardware double buffering

Monitor Options

17-in. Entry color	1024 x 768 resolution, 76-Hz refresh rate, 100 dots per inch
17-in. color	1152 x 900 resolution, 76- or 66-Hz refresh rate, 100 dots per inch
	1280 x 1024 resolution, 76- or 66-Hz refresh rate, 110 dots per inch
20-in. color	1152 x 900 resolution, 76- or 66-Hz refresh rate, 84 dots per inch
	1280 x 1024 resolution, 76- or 66-Hz refresh rate, 93 dots per inch (TurboGXplus)

Input Devices

Keyboard	Sun Type 5; AT 101 or UNIX layout available
	More than 18 international keyboards available
Mouse	Optical, 3-button
Microphone	SunMicrophone™ II
Color camera	Optional SunVideo™

Software

Operating system	Solaris operating environment
Windowing system	OpenWindows™ Version 3
Languages	C, C++, Pascal, FORTRAN
Networking	ONC™, NFS™, TCP/IP, SunNet™, OSI, MHS
Graphics	SunPHIGS™, XGL™, XIL™, Xlib

Environment

AC power	100-240 VAC, 50-60 Hz, 0.4 K VA
Operating	0° C to 40° C (32° F to 104° F) 5% to 95% relative humidity, noncondensing
Nonoperating	-40° C to 70° C (-40° F to 158° F) 5% to 95% relative humidity, noncondensing
Operating acoustic noise	5.2 bels (at 28° C)
Idling acoustic noise	5.2 bels (at 28° C)
Declared noise emissions in accordance with ISO 9296	
Energy Star compliant chassis, 17-in. and 20-in. color monitors	

Regulations

Meets or exceeds the following requirements:	
Safety	UL 1950, CSA 950, TUV EN60950
RFI/EMI	FCC Class B, DOC Class B, VDE Class B, VCCI Class 2, CE
X-ray	DHHS 21, Subchapter J; PTB German X-ray Decree

Dimensions

SPARCstation 5 chassis	
Height	7.7 cm (3.1 in.)
Width	41.7 cm (16.4 in.)
Depth	40.9 cm (16.1 in.)
Shipping weight	12.7 kg (27.0 lb.)
17-in. Entry color monitor	
Height	43.0 cm (16.9 in.)
Width	42.7 cm (16.8 in.)
Depth	48.3 cm (19.0 in.)
Shipping weight	19.0 kg (41.8 lb.)
17-in. color monitor	
Height	41.4 cm (16.4 in.)
Width	40.6 cm (16.0 in.)
Depth	45.0 cm (17.7 in.)
Shipping weight	25.9 kg (57.0 lb.)
20-in. color monitor	
Height	47.1 cm (18.5 in.)
Width	47.5 cm (18.7 in.)
Depth	49.5 cm (19.5 in.)
Shipping weight	36.3 kg (80.0 lb.)

Upgrades

Upgrades are available for SPARCstation SLC™, SPARCstation ELC™, SPARCclassic™, SPARCstation IPC™, SPARCstation 1, SPARCstation 1+, SPARCstation LX™, SPARCstation IPX™, SPARCstation 2, Sun-3™, and Sun386i™ systems.

Sales Offices

Argentina: +54-1-311-0700
 Australia: +61-2-9844-5000
 Austria: +43-1-60563-0
 Belgium: +32-2-716-7911