

Sun Ultra™ 3 Mobile Workstation

UltraSPARC® Performance to Go



Key highlights

- Mobility—Delivering the capabilities of a stationary workstation for 64-bit UNIX® computing in a compact, mobile form factor, reducing latency and improving productivity
- High performance—UltraSPARC II or III processor, for blazing speed, reliability, and availability
- High resolution displays—15-inch or 17-inch TFT LCD displays and graphics for high-quality, sharp images in a variety of environments
- Security—Robust architecture of the Solaris™ 10 Operating System preinstalled
- Wireless connectivity—Allows connection to public and corporate networks, improving accessibility and productivity
- Versatility of I/O connections—A variety of I/O ports allows connection to USB, serial, parallel, and PC/MCIA Cardbus devices, enabling access to a broad range of environments



In an age when network connectivity defines the working world, the mobile professional must be able to generate, access, and share information quickly. Now Sun has developed a workstation that allows you to keep pace with business demands by running applications and connecting to the network from anywhere, at any time.

Screaming performance almost anywhere

Sun packs all the power of the UltraSPARC® processor into its Sun Ultra™ 3 Mobile Workstation, so you can take performance and robust features wherever your work leads you. These workstations deliver high performance with a range of UltraSPARC processors and the industry-leading Solaris 10 Operating System for optimal 64-bit UNIX computing. The Sun Ultra 3 Mobile Workstation offers a choice of 2-D or 3-D graphic options and a 15-inch or 17-inch wide-screen monitor, delivering the sharp and accurate images required by technical users. In addition, a variety of I/O ports enables multiple connections to external devices, so you can use the Sun Ultra 3 Mobile Workstation in a number of environments, from high-speed USB interfaces, to PC/MCIA Cardbus devices, to legacy serial configurations.

With up to two GB of memory, 802.11b and 802.11g wireless networking, and Sun Java™ Desktop System preinstalled Solaris 10 OS, the Sun Ultra 3 Mobile Workstation is a mobile desktop. Ideal for use in environments such as defense and manufacturing, it's built to handle the workload of a traditional workstation—from the field. Software developers, too, will find a comprehensive programming environment that enables them to run enterprise-class applications from almost anywhere.

The Sun Ultra 3 Mobile Workstation is a breakthrough in 64-bit computing that makes you productive wherever you are.

Sun Ultra 3 Mobile Workstation Specifications



Product reference	A60-UltraSPARC IIi	A60-UltraSPARC IIIi	A61-UltraSPARC IIi	A61-UltraSPARC IIIi
Processor options	550 MHz- 650 MHz	1.2 GHz	550 MHz- 650 MHz	1.28 GHz
Memory	Up to 1 GB ECC DDR-SDRAM, two DIMM slots	Up to 2 GB DDR-SDRAM, two DIMM slots	Up to 1 GB ECC DDR-SDRAM	Up to 2 GB ECC DDR-SDRAM, two DIMM slots
Standard interface options				
Network	Gigabit Ethernet or integrated 10/100 Base-T Ethernet port, each with RJ-45 socket	Gigabit Ethernet or integrated 10/100/1000 Base-T Ethernet port, each with RJ-45 socket	Two 10/100 Base-T Ethernet	Gigabit Ethernet or integrated 10/100/1000 Base-T Ethernet port, with RJ-45
USB	Three USB Type-1 connectors	Three USB Type-1 connectors	Two USB 1.1 (type A) ports	Two USB 1.1 and two USB 2.0 ports
FireWire™	IEEE 1394 port	IEEE 1394 port	None	None
Serial	RS 232C serial port via RJ-12 connector—RJ-12 to industry-standard nine-pin	RS 232C serial port via RJ-12 connector—RJ-12 to industry-standard nine-pin	One TIA/EIA-232-F DB9 serial port connector	Two mini-DIN8 female connectors
Parallel	IEE 1284 Centronics-compatible port via industry-standard DB825 connector	IEEE 1284/Centronics-compatible port via industry-standard DB25 connector	None	None
Keyboard/mouse	Up to two PS/2 ports via six-pin mini-DIN	Up to two PS/2 ports via six-pin mini-DIN	None	None
SCSI	N/A	N/A	One Ultra160 SCSI multimode (SE/LVD)	None
PC/MIA Cardbus device	Type II PC card/PC/MIA slot	Type II PC card/PC/MIA slot	One PC/MIA slot Type II slot swappable with second HDD module and DVD-ROM module	One internal mini-PCI slot that can be used for 802.11g wireless module
Graphics	24-bit, 2-D graphics with characteristics of Sun PGX64 or better	24-bit, 2-D graphics with characteristics of Sun PGX64 or better	24-bit graphics—resolution up to 1400 x 1050	24-bit graphics WXGA+ resolution up to 1440 x 900
Mass storage and media				
Disk options	40-60 GB IDE disk drive—one internal IDE disk drive	60-80 GB IDE—one internal IDE disk drive	40-100 GB IDE disk drive—one internal IDE disk drive	60-100 GB IDE disk drive; optional second HDD swappable with JavaCard reader
CD/DVD options	Integrated 24x CD-ROM	Integrated CD-RW/DVD	One slim-type DVD-ROM or combo CD-RW/DVD-ROM drive	Internal, removable DVD-ROM
Audio/video				
Video	DB-15 VGA connector	HD-15 VGA connector	One D-Sub 15-pin VGA connector	One D-Sub 15-pin VGA connector
Audio	16-bit audio and 48 KHz sampling option	16-bit audio, 48 KHz sampling rate stereo mono mic-in	Two stereo speakers, two audio ports	Two stereo speakers, two audio ports, built-in audio DJ for standalone music CD playback
Monitor options	15-inch LCD	15-inch TFT LCD	15-inch TFT LCD	17-inch TFT LCD
Software preinstalled	Solaris 10 OS, Sun Java Desktop System	Solaris 10 OS, Sun Java Desktop System	Solaris 10 OS, Sun Java Desktop System	Solaris 10 OS
Input devices	Keyboard, three-button mouse, touchpad options, up to four programmable function keys	Keyboard, three-button mouse, touchpad options, up to four programmable function keys	Keyboard, three-button mouse, touchpad options, up to four programmable function keys	Built-in touchpad (three buttons), full-function keyboard
Wireless option	Integrated 802.11b wireless networking	Integrated 802.11b wireless networking	Optional 802.11g PC/MCIA wireless networking	Optional 802.11g mini-PCI internal wireless networking
Environment				
Operating	Temp: 5° C to 40° C, humidity: 20-80 percent RH	Temp: 5° C to 40° C, humidity: 20-80 percent RH	Temp: 5° C to 35° C	Temp: 5° C to 35° C, humidity: 20-80 percent RH, noncondensing
Non-Operating	Temp: -20° C to 40° C, humidity: 93 percent RH, noncondensing; 27° C max. wet bulb	Temp: -20° C to 40° C, humidity: 93 percent RH	-20° C to 60° C	-20° C to 60° C, 5-95 percent RH, noncondensing
Altitude	Up to 40,000 ft.	Up to 40,000 ft.	N/A	N/A
AC power adapter	100-240 VAC, 50-60 Hz, output: 19 V, 6 A	Compact AC/DC autosensing power adapter, 90-264 VAC 40-67 Hz	100-240 VAC, 50-60 Hz, output: 19 V	100-240 VAC, 50-60 Hz, output: 20 V
Security	Built-in Kensington lock attachment options	Built-in Kensington lock attachment options	Built-in hardware personal ID security and Kensington lock attachment options	Built-in Kensington lock attachment options
Dimensions and weight	12.8 in. W x 10.5 in. D x 1.5 in. H, 7 lbs.	12.8 in. W x 10.5 in. D x 1.5 in. H, 7 lbs.	12.7 in. W x 10.7 in. D x 1.6 in. H, 7.5 lbs.	15 in. W x 11.2 in. D x 1.5 in. H, 9 lbs.
Battery	Rechargeable pack: Two to three hours life, depending on usage	Rechargeable pack: One to two hours life, depending on usage	Rechargeable pack: Two hours life, depending on usage	Rechargeable pack: Two hours life, depending on usage
Regulatory options	RFI/EMI FCC: Class A	RFI/EMI FCC: Class A		