

Silicon Graphics® 330 Visual Workstation with VPro™ Graphics

Silicon Graphics 330 Visual Workstation for Windows®

Silicon Graphics 330L Visual Workstation for Linux®

A Scalable Graphics Solution Designed for Maximum Flexibility

The Silicon Graphics 330 visual workstation provides a scalable graphics solution at affordable prices. Customers are afforded maximum flexibility in tailoring the amount of processing power to their exact needs. Offering the ultimate in technical, creative, and scientific tools for visualization, Silicon Graphics 330 incorporates a state-of-the-art Intel® architecture with Silicon Graphics visualization subsystems, setting a new standard for graphics performance on Windows and Linux operating systems. As the midrange system of the Silicon Graphics family of visual workstations, the 330 offers scalability, reliability, flexibility, and solid price/performance. High-quality graphics for digital content creation, CAD/CAE, scientific visualization, education, and government have never been more accessible.

Features

Silicon Graphics VPro graphics subsystem includes an OpenGL on a Chip™ implementation, an accelerated geometry pipeline, and professional texture mapping capabilities

Hardware-accelerated transform and lighting

Single or dual Intel Pentium® III processor

Intel based system utilizing industry-standard architecture and components

Flexible, intelligently designed system

Preinstalled and certified Windows NT® 4.0 or Windows 2000 Professional

Preinstalled Red Hat® Linux 6.2 and OpenGL 1.2 graphics drivers

Comprehensive one-stop support for both hardware and software

Benefits

Provides unprecedented application and system performance; fully OpenGL® 1.2 conformant and accelerated

Allows more realistic object behaviors and character animation, as well as significantly more complex 3D modeling; frees up CPU for intensive computations

Provides superior computing performance featuring fast on-die 256KB Level 2 Advanced Transfer Cache; the scalable design and flexible architecture allow the customer to add only the amount of processing power needed

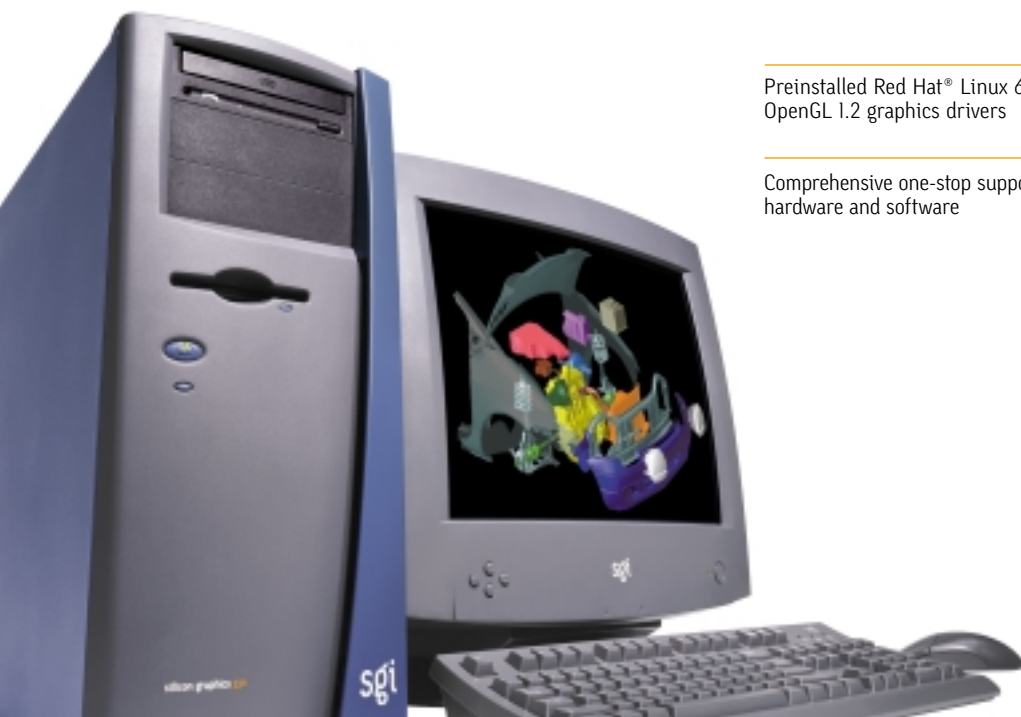
Incorporates renowned SGI graphics capabilities in a cost-effective, reliable, and flexible system that is easy to upgrade, maintain, and support

Easy, toolless access for upgrade, customization, and expansion to meet growing needs for storage, memory, and graphics

System is ready for business applications and software with Windows professionally installed and tested for system compliance

System is ready to power on with the industry's first fully hardware-accelerated OpenGL graphics

Leverages SGI's enterprise experience in global services: 90-day software and 3-year hardware support, including first-year on-site warranty service for Linux and Windows





Silicon Graphics 330 Visual Workstation Technical Specifications

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| Core Logic Chipset <ul style="list-style-type: none">Via Apollo Pro133A | Display and Media Options Display <ul style="list-style-type: none">19" color monitor21" color monitorSilicon Graphics® I600SW flat panel display Media <ul style="list-style-type: none">8x40x DVD8x4x32x CD-RW | Heat Dissipation <ul style="list-style-type: none">1,460.7 BTUs/hour |
| Processor Support (Single or Dual) <ul style="list-style-type: none">800 MHz Pentium III 256KB on-chip cache866 MHz Pentium III 256KB on-chip cache933 MHz Pentium III 256KB on-chip cache1 GHz Pentium III 256KB on-chip cache | | Ambient Temperature <ul style="list-style-type: none">+10 to +35°C [operating]-20 to +60°C [nonoperating] |
| Memory Capacity <ul style="list-style-type: none">128MB–1.5GB PCI33 ECC registered SDRAM¹ | Expansion Options <ul style="list-style-type: none">Five 32-bit PCI slotsDual-channel SCSI controller | Relative Humidity <ul style="list-style-type: none">10% to 90% [operating and nonoperating] |
| System Graphics <ul style="list-style-type: none">1280x1024 at 75 HzUp to 2048x1536 at 60 Hz | Networking <ul style="list-style-type: none">On-board NIC 10/100Base-T: Intel 82559 | Altitude <ul style="list-style-type: none">10,000 ft [operating]40,000 ft [nonoperating] |
| Graphics Features <ul style="list-style-type: none">Integrated transform and lighting, independent pipelined QuadEngine, 256-bit QuadPipe Rendering Engine, AGP 4X with Fast Writes, 350 MHz RAMDAC, high-speed memory interface, 256-bit 2D rendering engine, complete support for Microsoft® DirectX 7 and OpenGL featuresDual independent display optional | Storage Options <ul style="list-style-type: none">9.1GB Ultra160 SCSI drive18.2GB Ultra160 SCSI drive | Vibration Operating <ul style="list-style-type: none">5–16.2 Hz 0.38 mm [peak to peak]16.2–250 Hz 0.2GDirection: X, Y, Z axis Nonoperating [Packed] <ul style="list-style-type: none">5–27.1 Hz 0.6G27.1–50 Hz 0.4 mm [peak to peak]50–500 Hz 2.0GDirection: X, Y, Z axis |
| Storage and I/O <ul style="list-style-type: none">Two external 5.25" drive baysOne external 5.25" 48X CD-ROM [preinstalled]Three internal 3.5" hard drive baysOne external 3.5" floppy drive [preinstalled]Integrated ATA66 controller | Bundled Software [Windows] <ul style="list-style-type: none">Windows NT 4.0Windows 2000 ProfessionalPC Doctor [Diagnostic Software]McAfee VirusScanInternet ExplorerAdobe® Acrobat Reader® | Regulatory Agencies <ul style="list-style-type: none">USA: UL, FCC [CFR 47 Part 15 Subpart B], FCC Telecomm. CFR 47 Part 68Canada: CSA, CSA/NRTL, DOCJapan: VCCIEurope: CE Mark, CB, TUVAustralia: C-TickKorea: EMCMexico: NOMTaiwan: BCIQ |
| Communication <ul style="list-style-type: none">Two 9-pin serial ports [16550 UART]One 25-pin parallel portTwo Universal Serial Bus [USB] portsOne PS/2 mouse portOne PS/2 keyboard portOn-board audio: Analog Devices AD1881 chip | Bundled Software [Linux] <ul style="list-style-type: none">Red Hat Linux 6.2SGI ProPack for Linux™ 1.3—Visual Workstation Edition | |
| | Physical Dimensions <ul style="list-style-type: none">8.25" W x 19.25" H x 19.25" D31 lb19" monitor: 18.4" H x 18" W x 18.8" D21" monitor: 19.3" H x 19.6" W x 18.6" D | |
| | Voltage and Frequency <ul style="list-style-type: none">Japan: 100 VAC 6.10 ANorth America: 120 VAC 5.10 AEurope: 230 VAC 2.66 A | |

¹ Linux configurations only support up to 768MB of main memory



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