sgi™

Silicon Graphics® 1600SW
Flat Panel Monitor

Features
- Exclusive, ergonomic SuperWide screen displays two side-by-side pages
- Stunning 1600x1024 resolution
- 3X brightness of CRTs
- 5X contrast of CRTs
- The first photo-realistic monitor, providing the finest dot pitch available (110 dpi)
- Large 17.3" diagonal viewing area
- Fastest pixel response available for video playback
- All-digital interface for the ultimate in image quality
- Leading-edge styling, space-saving design

The Ultimate Professional Flat Panel Monitor
The Silicon Graphics 1600SW flat panel monitor redefines the state of the art for LCD monitors, delivering the best image quality of any LCD or CRT monitor on the market. The value is immediately apparent when viewing images that appear more like photographic transparencies than pixels on a screen. With 110 dpi and three times the brightness and five times the contrast of CRTs, images come to life as never before and data jumps off of the screen. The Active Matrix LCD (AMLCD) ensures fast pixel response for real-time video playback and animation with none of the common LCD artifacts. With the Silicon Graphics 1600SW flat panel LCD monitor there is never any flicker—making eyestrain and headaches a thing of the past.

The SuperWide™ aspect ratio of the display is unique to SGI and enables the simultaneous display of two pages of information side by side. Combine that with the market-leading 1600x1024 resolution, and you see every detail in true, 24-bit color. The all-digital interface ensures the sharpest image possible.

Award-Winning Graphics and Performance
This level of quality must be seen to be believed. The monitor has won 16 international awards from leading publications like *PC Computing* (MVP Breakthrough 1998), *PC World* (World Class Award 1999), *Computer Graphics World* (Innovation Award 1999), and *Imaging Magazine* (Product of the Year 1998).

Whether the application is financial trading, desktop publishing, or game development, the Silicon Graphics 1600SW flat panel monitor will maximize return on investment due to reduced power usage, efficient desk space utilization, and, most of all, improved user comfort and productivity.

The monitor is available for IBM-compatible PCs, Apple® Macintosh®, and Silicon Graphics® O2®, Silicon Graphics® 320, and Silicon Graphics® 540 workstations.

For more information, please visit *www.sgi.com/go/flatpanel*.

Image

- Viewing area size

17.3" diagonal (19" CRT equivalent)
14.7" horizontal, 9.2" vertical

- Resolution

Maximum true resolution of 1600x1024 pixels at 60 Hz

- Dot pitch, dots per inch

.23 mm, 110 dpi

- Screen type

Thin Film Transistor (TFT) Active Matrix Liquid Crystal Display (AMLCD)

- Display colors

16.7M (24-bit true color, no dithering)

- Viewing angle

120° horizontal, +45°/-55° vertical with antiglare surface

- Brightness

235 cd/m^2 (maximum)

- White balance

User adjustable from 5,000 K to 7,000 K

- Contrast ratio

350:1 (typical)

Connectivity

- Video interface

Digital, OpenLDI standard

- Supported platforms

Windows® 95	Number Nine Revolution IV-FP gfx card (PCI/AGP)
Windows 98	Number Nine Revolution IV-FP gfx card (PCI/AGP)
Windows NT® 4.0	Number Nine Revolution IV-FP gfx card (PCI/AGP)
MacOS 8.0 or later	Number Nine Revolution IV-FP gfx card (PCI)
Silicon Graphics 320/540 visual workstations	320/540 digital adapter card
Silicon Graphics O2 visual workstations	O2 digital adapter card

Physical and Power

- Power supply

Line voltage:	100 to 240 VAC
Frequency:	50 to 60 Hz, single phase
Power:	29 W operating, 2.5 W in power-saving mode
	12VDC power brick supplied

- Environmental

Operating temperature range:	10°C to 35°C
Operating humidity range:	10% to 85% relative humidity, noncondensing

- Monitor size and weight

With base   17.875" W x 18.375" H (maximum height) x 7.375" D, 16 lb/7.3 kg
Head only, no base   17.875" W x 12.6" H x 3" D, 8 lb/3.6 kg

- Mounting options

Desktop

Elevation adjustment range:	3.75" (in .375" increments)
Tilt adjustment:	+15°/-5°

Wall or custom mount   VESA Flat Panel Monitor Physical Mounting Interface (FPMPMI) 75 mm 4-hole standard mount on monitor back, compatible with Ergotron® adjustable mounting arms

- Agency approvals

FCC Part 15 Class B	CB scheme report (safety)	TCO 95
CSA certified (CSA 22.2 No. 950)	CISPR 22 Class B—complies with	UL listed (UL 1950)
EPA Energy Star compliant	European EMC directive	CE Mark
EN 61000-4-2,3,4,5,8	NOM (NOM-019-SCFI-1993)	VCCI Class B
EN 61000-3-2,3	TUV (EN 60950) GS Mark	MPR-III (Sweden)
ISO 9341-3, 9341-8		

Awards