

Perfectly suited to your desktop.

The ViewSonic® E90f 19" (18.0" viewable) CRT monitor offers AFFORDABLE QUALITY, PERFORMANCE AND RELIABILITY. The PerfectFlat® screen ensures you'll view distortion-free, edge-to-edge images with minimized reflection and glare. The ultra-fine 0.21mm horizontal dot pitch delivers precise picture definition when viewing everyday applications. Adjust your screen with the OnView® controls and secure them with the OSD lock function to ensure OPTIMUM SCREEN PERFORMANCE. The E90f is the large screen CRT with big performance and an affordable price tag. Perfect for demanding business, SOHO and education applications.

E90f

**19" (18.0" VIEWABLE)
E²® SERIES CRT MONITOR**

WITH PERFECTFLAT® SCREEN



RELIABLE, LARGE SCREEN PERFORMANCE

- > **0.21mm horizontal dot pitch; 0.25mm diagonal dot pitch**
Ultra-fine dot pitch delivers clear, crisp images with precise picture definition, even at the highest resolution.
- > **1792x1344 maximum resolution**
Displays a maximum resolution of 1792x1344; 1280x1024 at 80Hz flicker-free refresh rate for easy-on-the-eyes viewing.
- > **PerfectFlat® screen for distortion-free images**
Absolutely flat screen provides realistically proportioned, precise images with reduced reflection, image distortion and eye fatigue.
- > **SuperClear® technology**
SuperClear screen technology incorporates enhanced phosphor treatment and optimized glass filter to deliver vivid colors and image clarity.
- > **OSD lock secures your settings**
When activated, user-controlled OSD lock function prevents changes to monitor settings, maintaining an optimized image.
- > **OnView® controls**
This user-friendly control system easily adjusts image quality, size, position and geometry for optimal viewing.
- > **MPR II and ENERGY STAR® '05 qualified**
Complies with strict standards of low radiation, safety, ergonomics and power management while saving cost through automatic power saving modes.
- > **Three-year limited warranty**
24/7 free technical and customer support*.



VIEWSONIC
PRODUCTS, PROGRAMS,
AND SERVICES

ViewSonic® 

the choice of professionals

E90f

19" (18.0" VIEWABLE) E²® SERIES CRT MONITOR WITH PERFECTFLAT® SCREEN



CRT	Type	19" (18.0" viewable) 90° deflection
	Dot Pitch	0.21mm horizontal x 0.14mm vertical; 0.25mm diagonal
	Phosphor	Pigment coated P22 (Cd free)
	Glass Surface	Tint: TM~52.6%, anti-reflection, anti-static screen coating
VIDEO SIGNAL	Video	RGB analog (75 ohms, 0.7 Vp-p)
	Sync	H/V separated (TTL), composite sync
	Frequency	F _H : 30~86kHz, F _V : 50~180Hz
COMPATIBILITY	PC	IBM and compatibles from VGA up to 1792x1344 (non-interlaced)
	Mac ^{®**}	Power Mac/G3/G4/G5 from 640x480 to 1600x1200
	Others ^{**}	Most Workstations
CONNECTOR	Analog	15-pin mini D-sub (high density)
	Power	3-pin plug (IEC320)
POWER	Voltage	AC 100~240VAC, 50/60Hz (+/- 3)
	Consumption	100W (typ), auto switch
CONTROLS	Basic	Power, on/off, 1, down, up, 2, auto sizing
	OnView [®]	Contrast, brightness, H./V. size, H./V. position, zoom, pincushion, trapezoid, pinbalance, parallelogram, tilt, moiré reduction, degauss, ViewMatch [®] (9300K, 6500K, 5000K, user), OSD position, language, ViewMeter [®] , memory recall
VIDEO INPUT	Bandwidth	202MHz (typ)
MISCONVERGENCE		0.25mm (max) at center 0.35mm (max) at corner
DISPLAY AREA	Factory Setting	352mm x 264mm (typ)
(HORZ. x VERT.)	Full Scan	360mm x 270mm (dependent upon timing signal)
OPERATING	Temperature	32~104°F (0~40°C)
CONDITIONS	Humidity	5~95% (non-condensing)
DIMENSIONS	Physical (mm)	456mm x 450mm x 461mm
(W x H x D)	Physical (in.)	17.9" x 17.7" x 18.1"
WEIGHT	Net	52.8 lb. (24.0 kg)
	Gross	60.1 lb. (27.3 kg)
REGULATIONS		UL/cUL 1950, FCC-B, CB, DHHS, ICES 003, NOM, TUV/GS, TUV/Ergo, MPR II, TUV/S, ENERGY STAR [®] '05
POWER MANAGEMENT		Meets MPR II and ENERGY STAR [®] '05 standards
PACKAGE CONTENTS		CRT display, power cable, 15-pin VGA video cable (attached), Quick Start Guide, ViewSonic Wizard CD
WARRANTY		Three-year limited warranty on CRT, parts and labor



ISO 9001:2000
FM 40187



ISO 14001:1996
FM 40968

ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.

ViewSonic 

the choice of professionals

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*Excludes major U.S. holidays. **Adapter may be required. Analog adapter available from ViewSonic. Specifications subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2006 ViewSonic Corporation. All rights reserved. [12805-00B-02/06] E90f-2

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