

# EO750



# 17" COLOR

16.0" VIEWABLE

# MONITOR



The EO750 is packed with features and outstanding performance to satisfy the most discriminating professionals. This incredible display features a fine 0.26mm dot pitch, flicker-free 1600 x 1200 @ 76Hz maximum resolution, USB with four Downstream ports for peripheral connectivity and Princeton's exclusive ergonomic housing design. Due to a fast 202.5MHz video response, image clarity and uniformity remain razor sharp, even at the highest resolutions. The EO750 is excellent for the corporate environment of graphics, CAD/CAM/CAE, Internet, and text applications.

#### FEATURES:

- 17-inch (16" viewable) High Contrast FST CRT
- 0.26mm Super Fine Diagonal Dot Pitch
- 1600 x 1200 @ 76Hz Maximum Resolution
- 202.5MHz Fast Video Response
- Self-Powered USB Hub with 4 Downstream Ports
- PreVu™ OSD with Coloright™ Controls
- Full Three-Year Limited Warranty
- Standard First-Year 48-Hour Advance Replacement Warranty\*
- TCO '95 Compliant

# PRINCETON®



## FEATURES AND BENEFITS

### 17-inch (16" viewable) screen size

A small footprint compared to larger screen sizes and affordability.

### High contrast CRT

The EO750's CRT features a dark tinted glass for brighter images. Focus is also improved with the High Contrast CRT.

### 0.26mm super fine diagonal dot pitch

A finer dot pitch provides image sharpness and clarity right down to the pixel. The result is excellent visible detail for high-level graphics and desktop publishing applications.

### 1600 x 1200 @ 76Hz maximum resolution

Smaller individual pixel for more displayable information. The EO750 is suitable for those who wish to display a large amount of data at one time.

### 202.5MHz fast video response

A faster video response aids to maintain image sharpness, brightness and clarity, even at the highest resolutions.

### Self-powered USB hub

The EO750 features four downstream ports to enhance your peripheral connectivity. In addition, USB-driven on-screen control software allows you to make custom image adjustments with your mouse.

### TCO '95 compliance

Complies with strict European standards for low emissions, safety, ergonomics, recycling and power management.

### Plug and Play, VESA® DDC1/DDC2B

Trouble-free installation of the monitor to Windows® platforms, in addition to ease of asset database management.

### PreVu™ OSD with Coloright™ controls

Advanced OSD features provide optimum flexibility to suit individual user preferences. The Coloright™ hardware feature provides color balance control to exactly match the on-screen color to the printed output color.

### Standard 48-hour advance replacement program for first year\*

Hassle-free warranty significantly reduces downtime in case of equipment malfunction.

### Compatibility

PC and MAC®\*\*.


## E0750 SPECIFICATIONS

<b>CRT Size/Type</b>	17" (16" viewable) High Contrast CRT with Invar shadow mask, anti-reflection/anti-glare/anti-static coating, low electromagnetic field
<b>Dot Pitch</b>	0.26mm
<b>Maximum Resolution</b>	1600 x 1200
<b>Recommended Resolution</b>	1280 x 1024 @ 85Hz
<b>Active Display Area</b>	<b>Default:</b> 11.8" x 8.9" (300mm x 225mm) <b>Overscan:</b> 12.9" x 9.5" (327mm x 240mm)
<b>Compatibility</b>	1600 x 1200 @ 76Hz, VESA® 1280 x 1024 @ 85/75Hz, VESA® 1152 x 864 @ 75Hz, VESA® 1024 x 768 @ 85/75Hz, VESA® 800 x 600 @ 85/75Hz, VESA® 640 x 480 @ 85/75Hz, XGA/2, XGA/IBM 8514/A, Super VGA, MAC®** and more
<b>Plug &amp; Play Compatibility</b>	DDC2B, DDC/CI
<b>Horiz./ Vert. Scan Range</b>	30 - 95kHz/ 50 - 160Hz
<b>Input Signal</b>	<b>Video:</b> Analog 0.7 V <sub>pp</sub> /75 Ohm <b>Sync.:</b> Separate and composite TTL level
<b>Input Connector/Cable</b>	15-pin mini D-sub, 6 ft. (1.8m) captive cable
<b>User Controls</b>	Front: Power On/Off, Auto Set-up, OSD Controls, PreVu™ OSD: Contrast, brightness, H/V position, H/V size, trapezoid, parallelogram, pincushion, pin-balance, moire, rotation, Coloright™ controls, language select, OSD position, degauss, recall
<b>Power Supply</b>	100-240V <sub>AC</sub> @ 60/50Hz (universal)
<b>Power Consumption</b>	On: <110W; Standby: <15W; Suspend: <15W; Off: <8W
<b>Video Dot Clock</b>	202.5MHz (-3db) nominal
<b>Dimensions (W x H x D)</b>	16.1" x 16.1" x 17.7" (410mm x 410mm x 449mm)
<b>Weight</b>	<b>Net:</b> 39.9lbs. (18.1kg.), <b>Gross:</b> 46.6lbs. (21.15kg.)
<b>Power Management</b>	VESA® DPMS™, EPA® Energy Star™ and NUTEK® compliant
<b>Agency Approvals</b>	UL, CSA, EN60950, TUV/GS, CE, ISO9241-3, FCC-B, VCCI, MPR II, TCO '95, DHHS
<b>USB</b>	Self-powered USB hub: 1 upstream port, 4 downstream ports, embedded monitor control function
<b>Warranty</b>	3 years on parts, 3 years on CRT, 3 years on labor, 1st year 48-hour advanced replacement*

## COMPARE E0750 TO THE COMPETITION

	Princeton EO750	Viewsonic PT771	Compaq P75	Dell UltraScan 1000HS
<b>Viewable Image Size (inches)</b>	16.0	16.0	16.0	16.0
<b>Diagonal Dot Pitch (mm)</b>	0.26	0.25	0.25	0.25
<b>CRT Type</b>	High Contrast FST	Aperture Grille	Aperture Grille	Aperture Grille
<b>Horiz. (kHz)/Vert. (Hz) Frequency</b>	30-95/50-160	30-92/50-160	30-85/50-150	30-85/50-160
<b>Bandwidth/ Dot Clock (MHz)</b>	202.5	200	135	Not Available
<b>Maximum Resolution</b>	1600 x 1200 @ 76Hz	1600 x 1200 @ 74Hz	1280 x 1024 @ 75Hz	1280 x 1024 @ 75Hz
<b>USB/ OSD</b>	Yes/Yes	No/Yes	No/Yes	No/Yes
<b>TCO Compliance</b>	TCO '95	TCO '95	TCO '95	TCO '92
<b>VESA® DPMS™ Power Saving</b>	Yes	Yes	Yes	Yes
<b>VESA® DDC Plug and Play</b>	Yes	Yes	Yes	Yes
<b>Warranty (parts, CRT, labor-yrs)</b>	3,3,3	3,3,3	3,3,1 on-site	3,3,3
<b>Standard 1st Year 48-hour Replacement</b>	Yes	No	Yes	No

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TOLL FREE: 800.747.6249 [www.prgr.com](http://www.prgr.com) 

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