

# EO710



# 17" COLOR

16.0" VIEWABLE

# MONITOR



The 17-inch (16-inch viewable) EO710 is perfect for SOHO and Corporate users of general business and spreadsheet applications, the Internet, and more. With its super fine 0.26mm dot pitch and Advanced High Contrast CRT, the EO710 displays vibrant, sharp, flicker-free images (1024 x 768 @ 85Hz recommended resolution) for optimum comfort during prolonged usage. With its unique ergonomic body style, the EO710 gives sleek style and space saving to any desktop.

#### FEATURES:

- 17" (16" viewable) Advanced High Contrast CRT
- 0.26mm Super Fine Dot Pitch
- 1280 x 1024 Maximum Resolution
- AART™ Coating
- PreVu™ OSD with Coloright™
- Auto Set-up
- Self-Diagnostic Screen
- Full Three-Year Limited Warranty
- Standard First-Year 48-Hour Advance Replacement Warranty\*
- TCO '92-U.S./TCO '95-Europe Compliant

# PRINCETON®

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## FEATURES AND BENEFITS

### 0.26mm advanced high contrast CRT

Super fine dot pitch, combined with dark-tinted CRT glass, produce razor-sharp text and graphics.

### 1280 x 1024 maximum resolution

Higher resolution means more usable desktop screen space. In addition to a 1280 x 1024 maximum resolution, the EO710 displays the recommended 1024 x 768 resolution at a rock-solid, flicker-free 85Hz refresh rate for reduced eyestrain and fatigue after prolonged use.

### TCO '92 compliant (U.S. version)

EO710 meets the strict environmental standard for dramatically reduced electromagnetic fields and emissions.

### Ergonomically designed housing

Smaller footprint occupies less desktop space, while attractive design adds sleek style to the desktop.

### Self diagnostic utility

Reduces time spent troubleshooting, out-of-pocket repair expense, and downtime by identifying whether the monitor or the graphics card is the cause of malfunction. The result is reduced T.C.O. (Total Cost of Ownership) over the monitor's life span.

### Advanced on-screen display with multi-language capability

Convenient features and animated icons for user-friendly custom image adjustments.

### Auto set-up feature

Allows for quick, easy image adjustment with the push of a single button.

### Plug and Play, VESA® DDC1/DDC2B

Trouble-free installation of the monitor to Windows®, MAC®\*\* platforms. In addition, due to automatic serial number query capability, Plug and Play compatibility is excellent for corporate asset database security and management.

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

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

### Compatibility

PC and MAC®\*\*.

## EO710 SPECIFICATIONS

<b>CRT Size/Type</b>	17" (16" viewable) High contrast FST with a precision electron gun, low expansion Invar shadow mask and AART™ (advanced anti-reflection technology) coating
<b>Dot Pitch</b>	0.26mm
<b>Maximum Resolution</b>	1280 x 1024 Non-interlaced (addressable)
<b>Recommended Resolution</b>	1024 x 768 @ 75Hz
<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>	1280 x 1024 @ 66Hz, 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, VGA, MAC®** and more
<b>Plug &amp; Play Compatibility</b>	VESA® DDC1/2B
<b>Horizontal Scan Range</b>	Auto-synchronizing 30-70kHz
<b>Vertical Scan Range</b>	Auto-synchronizing 50-120Hz
<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, auto set-up, OSD controls PreVu™ OSD: Contrast/brightness, horizontal position/size, vertical position/size, trapezoid, parallelogram, pincushion/balance, rotate, Coloright™, language, OSD position, degauss
<b>Power Supply</b>	100-240V <sub>AC</sub> 60/50Hz, auto-switching
<b>Power Consumption</b>	On: <100W; Standby: <65W; Suspend: <15W; Off: 8W max
<b>Video Dot Clock</b>	108MHz (-3 db) 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> 34.8 lb. (15.8 kg)
<b>Power Management</b>	NUTEK®, VESA® DPMS™ and EPA® Energy Star <sup>SM</sup> compliant
<b>Agency Approvals</b>	UL, CSA, TUV/GS, CE, ISO 9241-3, FCC-B, M, PR II, DHHS, TCO '92 (U.S. version), TCO '95 (Europe version), VCCI
<b>Warranty</b>	3 years on parts, 3 years on CRT, 3 years on labor, 1st year 48-hour advance replacement*

## COMPARE EO710 TO THE COMPETITION

	Princeton EO710	Mitsubishi Diamond Scan 70	Viewsonic G773	NEC A700+	Compaq V75
<b>Viewable Image Size (inches)</b>	16.0	16.0	16.0	16.0	16.0
<b>Dot Pitch (mm)</b>	0.26	0.28	0.26	0.28	0.26
<b>CRT Type</b>	High Contrast FST	Microfilter	FST	FST	High Contrast FST
<b>Horizontal Freq. (kHz)</b>	30-70	30-70	30-70	30-70	30-69
<b>Vertical Freq. (Hz)</b>	50-120	50-100	50-180	50-120	47.5-125
<b>Bandwidth/Dot clock (MHz)</b>	108	100	110	Not Available	108
<b>Maximum Resolution</b>	1280 x 1024 @ 66Hz	1280 x 1024 @ 65Hz	1280 x 1024 @ 66Hz	1280 x 1024 @ 66Hz	1280 x 1024 @ 66Hz
<b>OSD</b>	Yes	Yes	Yes	Yes	Yes
<b>Auto Set-up Feature</b>	Yes	No	No	No	No
<b>Self Diagnostic Utility</b>	Yes	No	No	No	No
<b>Warranty (parts, CRT, labor-yrs)</b>	3,3,3	3,3,3	3,3,3	3,3,3	3,3,1 on-site
<b>Standard 1st Year 48-hour Replacement</b>	Yes	No	No	No	Yes

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



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