

EO 2010



21" COLOR

20.1" VIEWABLE

MONITOR



The EO2010 21-inch (20.1" viewable) display from Princeton is designed to please the most discriminating professionals of high level graphics, CAD/CAM/CAE, Prepress, desktop publishing and text applications. With its 117kHz chassis, super fine 0.25mm diagonal dot pitch, and super fast 230MHz video dot clock, this powerhouse displays an astounding, crystal clear maximum resolution of 1920 x 1440 at a flicker-free 78Hz vertical refresh rate. The EO2010 complies with strict European standards for low emissions, safety, ergonomics, recycling and power management.

FEATURES:

- 21-inch, AART™ Coated FST CRT with Invar Shadow Mask and Dynamic Focus
- 0.25mm Super Fine Diagonal Dot Pitch
- 1920 x 1440 @ 78Hz Maximum Resolution
- 1600 x 1200 @ 93Hz Recommended Resolution
- 230MHz Super Fast Video Response
- PreVu™ OSD with Coloright™
- Dual Input
- Full Three-Year Limited Warranty
- Standard First-Year 48-Hour Advance Replacement Warranty*
- TCO '95 Compliant

PRINCETON®

EO2010



FEATURES AND BENEFITS

Large 21-inch (20.1" viewable) screen size

A larger viewing area means more workspace and less scrolling with the mouse or scroll keys.

0.25mm super fine diagonal dot pitch (0.22mm horizontal 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.

1920 x 1440 @ 78Hz maximum resolution

The higher the resolution, the smaller the individual pixel, the more displayable information. Therefore, the EO2010 is ideal for anyone who operates in multiple windows large documents.

230MHz super fast video response

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

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®, MAC®** and platforms, in addition to ease of asset database management.

Multi-language OSD

Flexible for use with multiple user languages.

PreVu™ OSD with Colorright™ controls

Advanced OSD features provide optimum flexibility to suit individual user preferences. The Colorright™ 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®**.

EO2010 SPECIFICATIONS

CRT Size/Type	20.1" (viewable) anti-glare, anti-reflection, anti-static coated FST with Invar shadow mask, dynamic focus, and very low electromagnetic field
Dot/Aperture Grill Pitch	0.25mm
Maximum Resolution	1920 x 1440
Recommended Resolution	1600 x 1200 @ 85Hz
Display Colors	Unlimited
Active Display Area	Default: 15.0" x 11.2" (380mm x 285mm) Overscan: 16.0" x 12.0" (406mm x 305mm)
Compatibility	1920 x 1440 @ 78Hz, VESA® 1600 x 1200 @ 85/75Hz, VESA® 1280 x 1024 @ 85/75Hz, VESA® 1152 x 864 @ 75/85Hz, 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
Plug & Play	DDC1/2B
Horizontal Frequency	30-117kHz
Vertical Frequency	50-160Hz
Input Signal	Video: Analog 0.7 V _{pp} /75 Ohm Syn: Separate and composite TTL level
Input Connector/Cable	BNC connectors, 15-pin mini D-sub, 6 ft. (1.8m) detachable cable
User Controls	Front: Power, auto set-up, OSD controls, PreVu™ OSD: Contrast/brightness, horizontal position/size, vertical position/size, trapezoid, parallelogram, pincushion/balance, rotation, convergence, V/H-moire, Colorright™ controls, degauss
Power Supply	100-240V _{AC} 60/50Hz universal
Power Consumption	On: <160W; Standby: <120W; Suspend: <10W, Off: 5W max
Video Dot Clock	230MHz
Dimensions (W x H x D)	19.9" x 19.1" x 20.7" (506mm x 484.5mm x 527mm)
Weight	Net: 63.4 lb. (28.8 kg) Gross: 73.7 lb. (33.5 kg)
Power Management	VESA® DPMS™, EPA® Energy Star SM and TCO '95 (NUTEK®) compliant
Agency Approvals	UL, CSA, DHHS, TUV, GS, CE, FCC-B, MPRII, TCO '95, VDE-B, ISO-9001
Warranty	3 years on parts, 3 years on CRT, 3 years on labor, 1st year 48-hour advance replacement*

COMPARE EO2010 TO THE COMPETITION

	Princeton EO2010	COMPAQ V1000	Dell M1110	Nokia 445XiPlus	Viewsonic P815
Viewable Image Size (inches)	20.1	20.0	20.0	19.69	20.0
Diagonal Dot Pitch (mm)	0.25	0.26	0.28	0.22 (Horizontal)	0.25
CRT Type	FST	High Contrast FST	FST	FST	FST
Horizontal Freq.(khz)/Vertical Freq.(khz)	30-117/50-160	30-107/48-160	30-107/48-160	30-110/50-150	30-115/50-160
Bandwidth/Dot clock (mhz)	230	229.5	Not Available	270	250
Maximum Resolution	1920 x 1440 @ 78Hz	1600 x 1200 @ 85Hz	1600 x 1200 @ 85Hz	1600 x 1200 @ 88Hz	1800 x 1440 @ 76Hz
OSD	Yes	Yes	Yes	Yes	Yes
TCO Compliance	TCO '95	TCO '95	TCO '95	TCO '95	TCO '95
VESA® DPMS™ Power Saving	Yes	Yes	Yes	Yes	Yes
VESA® DDC Plug and Play	Yes	Yes	Yes	Yes	Yes
Warranty (parts, CRT, labor-yrs)	3,3,3	3,3,1 on-site	3,3,3 (with a Dell system)	3,2,3	3,3,3
Standard 1st Year 48-hour Replacement	Yes	Yes	No	No	No

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TOLL FREE: 800.747.6249 www.prgr.com

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