

AGX9000



19" COLOR

17.9" VIEWABLE

MONITOR



The AGX900 is designed for demanding graphics professionals, CAD/CAM/CAE, desktop publishing and more. This beautiful 19-inch (17.9-inch viewable) display features a large viewable image size, coupled with the superior brightness and color saturation of aperture grille CRT technology, to please even the most discriminating professional. The AGX900 displays a 1600 x 1200 maximum resolution at a rock-solid 77Hz refresh rate for clarity and reduced eyestrain. The AGX900's excellent quality is backed by a full three-year limited warranty, plus 48-hour advance replacement for during the first year of ownership*.

FEATURES:

- 19" (17.9" viewable) Trinitron® Aperture Grille CRT
- 0.25mm Pitch
- 1600 x 1200 @ 77Hz Maximum Resolution
- PreVu™ OSD with Coloright™
- Full Three-Year Limited Warranty
- Standard First-Year 48-Hour Advance Replacement Warranty*
- TCO '95 Compliant

PRINCETON®

AGX900



FEATURES AND BENEFITS

Large 19-inch (17.9" viewable) screen size

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

Trinitron® aperture grille CRT

Aperture grille technology CRT's produce the brightest, most brilliantly colored images available on the market today.

0.25mm super fine aperture grille pitch

A fine dot pitch means that the individual phosphors that compose the image are closer together to provide sharpness and clarity right down to the pixel.

1600 x 1200 @ 77Hz maximum resolution

The AGX900 actually allows users to comfortably take advantage of its 1600 x 1200 maximum resolution due to its flicker-free 75Hz vertical refresh rate.

200MHz video dot clock

A fast video dot clock aids to maintain image sharpness and clarity at higher resolutions.

TCO '95 compliant

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

Plug and play, VESA® DDC1/DDC2AB

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

Multi-language OSD

Flexible for use in non-English speaking countries.

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***.

AGX900 SPECIFICATIONS

CRT Size/Type	19" (17.9" viewable) aperture grille Trinitron® CRT with anti-reflection, anti-static coating
Dot Pitch	0.25mm
Maximum Resolution	1600 x 1200
Recommended Resolution	1280 x 1024 @ 85Hz
Active Display Area	Default: 13.9" x 10.5" (354mm x 267mm) Overscan: 14.4" x 10.8" (365mm x 274mm)
Compatibility	VESA® GTF™, VESA® 1600 x 1200 @ 75Hz, 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, VGA, MAC*** and more
Plug & Play Compatibility	DDC1/DDC2AB
Horizontal Scan Range	29-96kHz
Vertical Scan Range	50-150Hz
Input Signal	Video: Analog 0.7 V _{pp} /75Ohm Sync: Separate and composite TTL level sync on green
Input Connector/Cable	15-pin mini D-sub, 6 ft. (1.8m) captive cable
User Controls	Front: Power On/Off, OSD control buttons, PreVu™ OSD: Contrast/brightness, horizontal position/size, vertical position/size, trapezoid, parallelogram, pincushion/balance/corner, moire, rotation, Coloright™ controls, language select, OSD position, degauss, recall
Power Supply	90-260V _{AC} , 60/47Hz universal
Power Consumption	On: <130W; Standby: <90W; Suspend: <15W; Off: <5W
Video Dot Clock	200MHz
Dimensions (W x H x D)	18.3" x 18.5" x 18.7" (465mm x 469mm x 476mm)
Weight	Net: 56.9 lbs.
Power Management	NUTEK®, VESA®, DPMS™ and EPA® Energy Star SM compliant
Agency Approvals	UL, CSA, TUV/GS, TUV/ERGO, CE, ISO 9241-3, FCC-B, VCCI, MPRII, TCO '95, DHHS
Warranty	3 years on parts, 3 years on CRT, 3 years on labor, 1st year 48-hour advanced replacement*

COMPARE AGX900 TO THE COMPETITION

	Princeton AGX900	Viewsonic G790	Nokia 446XT	Sony GDM-400PS
Viewable Image Size (inches)	17.9	18.0	17.95	18.0
AG Pitch (mm)	0.25	0.26	0.25	0.25
CRT Type	Aperture Grille	FST	Aperture Grille	Aperture Grille
Horizontal Freq. (kHz)/ Vertical Freq. (Hz)	29-96/ 50-150	30-95/ 50-180	29-96/ 50-150	30-94/ 48-160
Bandwidth/Dot clock (MHz)	200	200	200	Not Available
Maximum Resolution	1600 x 1200 @ 77Hz	1600 x 1200 @ 76Hz	1600 x 1200 @ 76Hz	1600 x 1200 @ 75Hz
OSD	Yes	Yes	Yes	Yes
MPR-II Low Emissions/ TCO Compliance	Yes/ TCO '95	Yes/ TCO '95	Yes/ TCO '95	Yes/ TCO '92
VESA® DPMS Power Saving	Yes	Yes	Yes	Yes
VESA® Plug and Play	Yes	Yes	Yes	Yes
Warranty (parts, CRT, labor-yrs)	3,3,3	3,3,3	3,2,3	3,3,3
Standard 1st Year 48-hour Replacement	Yes	No	No	No

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