

DPP550

Offering advanced digital flat panel connectivity and superior performance, the DPP550 15" Direct Digital LCD monitor is ideal for corporate use, HMO's, hospitals, and any environment where desktop space is limited.

15-inch Direct Digital LCD Monitor

- True XGA 1024x768 Maximum Resolution
- PanelLink (TMDS) Direct Digital Interface
- Anti-Glare/Hard Screen Coating
- 300:1 Super High Contrast Ratio
- Three-Year Warranty
- Standard First-Year 48-hour Advance Replacement Warranty*
- TCO '99

* Continental U.S. only

The DPP550 15" digital, TFT-LCD monitor from Princeton takes your LCD viewing experience to the next level—digital. Due to this amazing monitor's direct digital input, image flicker is eliminated, along with focus and convergence problems found on analog displays. The result is unsurpassed image clarity, sharpness and edge-to-edge uniformity. For optimum system compatibility, DPP550 supports the PanelLink digital interface standard endorsed by industry leading computer and graphic card manufactures worldwide. For the ergonomically and environmentally conscious, DPP 550's small footprint saves considerable desktop space over traditional CRT monitors. Additionally, due to TCO '95 compliance, DPP 550 meets or exceeds the strictest of industry standards for emissions and ability to recycle materials.

SPECIFICATIONS

LCD Panel Type	15.0" TFT-LCD, Anti-Glare, hard coating
Displayable Resolution	XGA 1024x768 maximum
Pixel Dimension	0.297mm x 0.297mm
Display Color	262,144 colors maximum (18 bit)
Viewing Angle	Horizontal: $\pm 70^\circ$ minimum Vertical: $\pm 60^\circ$ minimum
Tilt Base	Tilt: 25° upward
Contrast Ratio	300:1 typical
Brightness	200 cd/m ² typical (150 cd/m ² min.)
LCD Response Time	45 ms
Active Display Area	304.1mm horizontal x 228.1mm vertical
Interface	Digital Flat Panel (DFP) compliant
User Controls	Power, Brightness
Plug & Play	DDC2B
Power Management	Energy Star™ compliant, VESA® DPMS™ compatible

Power Rating (AC/DC Adapter)	Input: Universal 100~240 V _{AC} , 1.5A, 50/60Hz Output: 12V _{DC} , 3.0A
Power Consumption	25W max.
Dimension (w x h x d)	15.7" x 14.1" x 6.7"(398mm x 357mm x 170mm, including the base)
Weight	Net: 12.8 lb. (5.8 kg) Gross: 18.0 lb. (8.2 kg)
Accessories	Power Cord, AC/DC Adapter, ATI Rage LT Pro(DFP MDR-20, TV-out, 15 pin D-sub connectors)
Video Cable	6 ft. (1.8m) DFP MDR-20, captive
Temperature	Operating : +5°C +40°C Storage: -20°C +60°C
Compliance	UL 1950, CSA, DHHS, TUV/GS, ISO9241-3, NORDIC, TCO'95, CE, FCC-B, VCCI, EPA Energy Star
Warranty	3 years on parts, 3 years on back light, 3 years labor, 1 st year 48-hour advance replacement

FEATURES and BENEFITS of the DPP550

Feature	Benefit
Direct Digital Interface	Direct Digital means superior front-of-screen performance. No adjustments are necessary to minimize picture noise. In addition, ghosting, color registration and smearing are eliminated.
XGA (Natural Native Resolution) TFT (Thin-Film Transistors) Display	Edge sharpness and detail far superior to analog LCD displays, as well as high-end CRT monitors designed for resolutions up to 1024x768.
PanelLink (TMDS) MDR-20 Pin Input Connector	Standard in graphics digital interface endorsed by VESA, as well as computer and graphics card manufacturers globally.
True XGA 1024 x 768 Maximum Resolution	The higher the resolution, the greater the amount of displayable information. Unlike CRT's, where the number of pixels varies depending on resolution, DPP560 displays a fixed 1,024 pixels horizontally, and 768 pixels vertically.
Auto Full-Screen Scaling Capability	The DPP550 automatically adjusts to full screen when switched to a lower resolution, so that no user adjustments are necessary.
TCO '95 Compliant	The DPP550 complies with the strict European standards for reduced emissions, electromagnetic field, and the ability to recycle materials.
48-Hour Advance Replacement for the first year of ownership*	Hassle-free warranty significantly reduces downtime in the event of equipment malfunction

*Continental U.S. only

Compare DPP550 to the COMPETITION

Features	<i>Princeton DPP550</i>	ViewSonic VPD150	NEC LCD1510	Compaq TFT5000	Sony L150
LCD Panel Size	15.0	15.0	15.0	15.0	15.0
LCD Panel Type	Active Matrix TFT- LCD	Active Matrix TFT- LCD	Active Matrix TFT- LCD	Active Matrix TFT- LCD	Active Matrix TFT- LCD
Interface	Digital	Digital	Analog	Analog	Analog
Brightness	200 nits (typical)	150 nits (typical)	180 nits (typical)	Not Available	200 nits (typical)
Contrast Ratio	300:1 (typical)	300:1 (typical)	100:1 (typical)	Not Available	300:1 (typical)
USB	Yes	No	No	No	No
Pivot Enabled	Yes	No	Yes	No	Yes
TCO Certification	TCO '95	TCO '95	TCO '95	TCO '95	
Warranty (parts, backlight, labor- yrs)	3, 3, 3	3, 1, 3	3, 1, 3	3, 3, 1 on- site	3, 3, 3
Standard 1 st Year 48-hour Replacement	Yes	No	No	Yes	No

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