

# APP520



# 15" TFT-LCD

# COLOR MONITOR



The APP520 features outstanding performance in a space-saving cabinet. Its 15" Active Matrix TFT-LCD panel allows users to view the image from almost any angle, while the 200:1 high contrast ratio and high brightness provide brilliant color saturation and image clarity. Additionally, the APP520 features a clean, space-saving cabinet design with controls on the back to create an all-around aesthetically pleasing display. The APP520 is excellent for corporate and government use, HMO's, hospitals, Wall Street and any environment where desktop space is limited. Princeton backs the APP520 with a full three-year warranty, as well as 48-hour advance replacement during the first year of ownership. \*

**FEATURES:**

- 15" TFT-LCD with Anti-Glare and Hard Coating
- 200:1 High Contrast Ratio
- XGA, 1024 x 768 Native Resolution
- PreVu™ OSD with Coloright™
- Full Three-Year Limited Warranty
- Standard First-Year 48-Hour Advance Replacement Warranty\*
- TCO '95 Compliant
- TAA Compliant
- Available in Sleek Black Cabinet (APP520B)

# PRINCETON®

# APP520



## FEATURES AND BENEFITS

### 15" TFT-LCD panel

A 15" LCD panel is about equivalent to a 17" CRT, in terms of viewable image size and recommended resolution. A TFT-LCD panel can be viewed from almost any angle.

### 1024 x 768 native resolution

Unlike CRT's, LCD panels have a fixed number of pixels, which is referred to as "Native Resolution." The APP520 flawlessly displays XGA (1024 x 768) and automatically upscales to full screen when used in a simulated lower resolution, so that no manual adjustments are necessary.

### 200:1 high contrast ratio

A higher contrast ratio provides greater color saturation, as well as a greater range from pure black to pure white so the image does not appear "washed out."

### TAA Compliant

Excellent choice for government applications.

### Plug and Play, VESA® DDC1/DDC2B

Trouble-free installation of the monitor to Windows® and MAC™™™ 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.

### TCO '95 compliant

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

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

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

### Compatibility

PC and MAC™™™ platforms

## APP520 SPECIFICATIONS

<b>Panel Size/Type</b>	15.0" Active Matrix TFT-LCD, hard coating
<b>Native/Optimum Res.</b>	1024 x 768
<b>Pixel Dimensions</b>	0.297mm (h) x 0.297mm (w)
<b>Display Colors</b>	262,144 colors (18 bit)
<b>Viewing Angle</b>	Horizontal: ± 60° Vertical: ± 55°
<b>Tilt Base</b>	-5° - + 27°
<b>Contrast Ratio/Brightness</b>	200:1 typical/ 200 cd/m <sup>2</sup> typical
<b>Horizontal/Vertical Freq.</b>	31.25 kHz - 60.24 kHz/56-75Hz
<b>Response Time</b>	50 ms (typical)
<b>Active Display Area (HxV)</b>	12.0" x 9.0" (304.1mm x 228.1mm)
<b>Video Dot Clock</b>	80 MHz
<b>User Controls</b>	Front: Power On/Off, Power LED Rear: OSD buttons (Enter, +, -, Exit) PreVu® OSD: Auto Adjustment, Auto Sizing, Auto Tuning, Auto Color, Contrast, Brightness, H-Position, V-Position, H-Size, Tuning, Fine Tuning, Language Select (English, German, Spanish, Italian, French), Color Control, Gamma, OSD Position, Text/Graphic, Recall
<b>Plug &amp; Play</b>	VESA® DDC1/2B
<b>Power Management</b>	VESA® DPMS™ and EPA® Energy Star® compliant
<b>Power Supply (AC/DC Adapter)</b>	Input: 100-240 V <sub>AC</sub> , 60/50Hz universal Output: 14V <sub>DC</sub> , 3.2A
<b>Power Consumption</b>	On: <4.2W; Standby:<6W; Suspend: <6W; Active Off: < 5W
<b>Dimensions (W x H x D)</b>	15.3" x 16.0" x 7.9" (388mm x 406mm x 200.6mm) including the base
<b>Net Weight</b>	<b>Net:</b> 10.45 lb. (4.75kg) <b>Gross:</b> 14.75 lbs.(6.7 kg)
<b>Compatibility</b>	VESA® 1024 x 768 @ 75/70/60Hz, VESA® 800 x 600 @ 75/72/60/56Hz, VESA® 640 x 480 @ 75/72/70/60Hz, Super VGA, VGA, MAC™™™ and more
<b>Input Connector/Cable</b>	15-pin mini D-sub type, (1.8m) captive
<b>Input Signal</b>	Video: 0.7 V <sub>pp</sub> /75 Ohm. Sync: Separate TTL level, Composite TTL level
<b>Agency Approval</b>	FCC-B, VCCI, CSA, SEMKO, UL1950, DHHS, CE, TUV/GS, TCO '95
<b>Warranty</b>	3 years on parts, 3 years on backlight, 3 years on labor, 1st year 48-hour advance replacement*

## COMPARE APP520 TO THE COMPETITION

	Princeton APP520	IBM T55A	Compaq TFT5000	NEC LCD1510V
<b>LCD Panel Size</b>	15.0	15.0	15.0	15.0
<b>LCD Panel Type</b>	Active Matrix TFT-LCD	Active Matrix TFT-LCD	Active Matrix TFT-LCD	Active Matrix TFT-LCD
<b>Native Resolution</b>	XGA, 1024 x 768 @ 75Hz	XGA, 1024 x 768 @ 75Hz	XGA, 1024 x 768 @ 75Hz	XGA, 1024 x 768 @ 75Hz
<b>Brightness/Contrast Ratio</b>	200 cd/m <sup>2</sup> /200:1	Not Available	Not Available	200 cd/m <sup>2</sup> /200:1
<b>OSD</b>	Yes	Yes	Yes	Yes
<b>VESA® DPMS™ Power Saving</b>	Yes	Yes	Yes	Yes
<b>VESA® DDC Plug and Play</b>	Yes	Yes	Yes	Yes
<b>TCO Compliance</b>	TCO '95	Not Available	TCO '95	TCO '92
<b>Warranty (parts, backlight, labor-yrs)</b>	3,3,3	3,3,3	3,1,1 on-site	3,3,3
<b>Standard 1st Year 48-hour Replacement</b>	Yes	Yes	Yes	No

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