



Dell | Displays

Quality

Dell-branded monitors are designed to our exacting quality standards and manufactured by the world's foremost suppliers, who must pass Dell's stringent quality audit. All Dell monitors meet or exceed relevant industry standards.

Reliability

Dell-branded monitors undergo exhaustive testing for performance, reliability, durability and compatibility with Dell systems. Under our H.A.L.T (Highly Accelerated Life Cycle Testing) regimen, Dell engineers push our monitors well past specified tolerance limits for heat, cold, vibration, shocks and drops, to help ensure that they can withstand real-world conditions.

Price-Performance Value

Dell's enormous buying power and direct business model allows us to offer high quality monitors at low prices. Dealing with Dell, the world's largest Flat Panel provider¹, means a single point of contact and the peace of mind of purchasing from a stable and reliable technology partner.

The Dell™ Entry-level (Value) E178FP and E198FP Flat Panel Monitors carry forward the value proposition of the E177FP and E197FP monitors – featuring the latest flat panel technology, at an affordable price. With its sleek Dell industrial design and improved panel specifications, this range of flat panel monitors provide the ideal choice for basic productivity and an enhanced viewing experience.

Outstanding Screen Performance

- **Fast response time helps prevent smearing and ghosting.**
 - 5ms typical
- **High contrast ratio resulting in excellent colour accuracy and uniformity.**
 - 800:1 typical
- **High Resolution provides excellent entertainment and multimedia experience.**
 - 1280 x 1024 resolution at 60 Hz
 - About 66% more content than Dell 15" flat panel monitor²

Excellent Multimedia, Video and Graphics Experience

- **Optional Dell AS501PA flat panel multimedia soundbar accessory**
 - Great quality and audio experience with the easy-to-attach (optional) Dell AS501PA flat panel multimedia soundbar accessory.

Designed for Comfort and Convenience

- **Dell-Designed Display Enhancements**
 - Slim black bezel designed to fit into most working environment and desktops.
 - Easy display detachment from stand can enable panel to be wall-mounted (VESA standard 100mm, wall mount sold separately.)
 - Cable management feature helps to organize cables to reduce desk clutter.
- **Tilt adjustability**
 - Display screen can be tilted 4 degrees forward and 21 degrees backward for viewing comfort.

Dell™ Entry Flat Panel Monitor Series:

Dell Entry	Detailed Description
E178FP	17" Analog Flat Panel Display
E198FP	19" Analog Flat Panel Display



DETAILED SPECIFICATIONS

Product Category	Flat Panel Display	Flat Panel Display
Model Name and Number	E178FP	E198FP
Monitor Size (Viewable Image Screen)	17 inches (17-inch diagonal viewable image size)	19 inches (19-inch diagonal viewable image size)
Pixel Pitch	0.264mm	0.294mm
Response Time (Typical)	5ms	5ms
Preset Display Area:		
Horizontal	337.9mm (13.3 inches)	376.3mm (14.8 inches)
Vertical	270.3mm (10.6 inches)	301.1mm (11.8 inches)
Viewing Angle (Typical)	160°(vertical), 160°(horizontal)	160°(vertical), 160°(horizontal)
Luminance (Brightness)	300cd/m ² Typical	300cd/m ² Typical
Contrast Ratio (Typical)	800:1	800:1
Horizontal Scan Frequency Hz	30 kHz to 81 kHz (automatic)	30 kHz to 81 kHz (automatic)
Vertical Scan Frequency Hz	56 Hz to 76 Hz (automatic)	56 Hz to 76 Hz (automatic)
Optimal Resolution	1280 x 1024 at 60 Hz	1280 x 1024 at 60 Hz
Number of colours	16.7 million	16.7 million
Preset Display Modes:		
VESA, 720 X 400	31.5 kHz Horizontal, 70.1 Hz Vertical, 28.3 MHz	31.5 kHz Horizontal, 70.1 Hz Vertical, 28.3 MHz
VESA, 640 X 480	31.5 kHz Horizontal, 60 Hz Vertical, 25.2 MHz	31.5 kHz Horizontal, 60 Hz Vertical, 25.2 MHz
VESA, 640 X 480	37.5 kHz Horizontal, 75 Hz Vertical, 31.5 MHz	37.5 kHz Horizontal, 75 Hz Vertical, 31.5 MHz
VESA, 800 X 600	37.9 kHz Horizontal, 60.3 Hz Vertical, 40 MHz	37.9 kHz Horizontal, 60.3 Hz Vertical, 40 MHz
VESA, 800 X 600	46.9 kHz Horizontal, 75 Hz Vertical, 49.5 MHz	46.9 kHz Horizontal, 75 Hz Vertical, 49.5 MHz
VESA, 1024 X 768	48.4 kHz Horizontal, 60 Hz Vertical, 65 MHz	48.4 kHz Horizontal, 60 Hz Vertical, 65 MHz
VESA, 1024 X 768	60 kHz Horizontal, 75 Hz Vertical, 78.8 MHz	60 kHz Horizontal, 75 Hz Vertical, 78.8 MHz
VESA, 1152 X 864	67.5 kHz Horizontal, 75 Hz Vertical, 108 MHz	67.5 kHz Horizontal, 75 Hz Vertical, 108 MHz
VESA, 1280 X 1024	64 kHz Horizontal, 60 Hz Vertical, 108 MHz	64 kHz Horizontal, 60 Hz Vertical, 108 MHz
VESA, 1280 X 1024	80 kHz Horizontal, 75 Hz Vertical, 135 MHz	80 kHz Horizontal, 75 Hz Vertical, 135 MHz
Connector Type	Analog	Analog
Other Connectors / Features	Kensington security port	Kensington security port
Stand	Tilt adjustable	Tilt adjustable
VESA Mounting Support	YES (100mm x 100mm)	YES (100mm x 100mm)
Dimensions (Height x Width x Depth) Inch	14.98 x 14.75 x 5.51 (with stand)	16.17 x 16.2 x 5.7 (with stand)
Dimensions (Height x Width x Depth) mm	380.6 x 374.7 x 140	410.9 x 412.7 x 144.4 (with stand)
Monitor Weight (including stand)	4.63 Kg (10.2 lbs)	4.83 Kg (10.7 lbs)
Weight (with packaging)	5.85 Kg (12.9 lbs)	6.32 Kg (13.9 lbs)
AC input voltage	100 to 240 VAC / 50 or 60 Hz ± 3Hz / 1.5A (Max.)	100 to 240 VAC / 50 or 60 Hz ± 3Hz / 1.0A (Max.)
Operating (Typical Maximum)		
- Active Off	Less than 2W	Less than 2W
- Switched Off	Less than 1W	Less than 1W

Recycling: Dell recommends that customers dispose of their used computer hardware, including monitors, in an environmentally sound manner. Potential methods include reuse of parts or whole products and recycling of product, components and/or materials. For more information, please visit http://dell.com/recycling_programs and www.dell.com/environment.

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1. Dell is the #1 brand of flat panel monitors in the world - DisplaySearch Q1 2007 Quarterly Desktop Monitor Shipment and Forecast Report, February 2007
2. 66% more content claim: Content comparison based on Dell E178FP/E198FP pixel count of 1,310,720 (1280 Horizontal x 1024 Vertical) and Dell E157FP pixel count of 786,432 (1024 Horizontal x 768 Vertical).

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