



Dell 30" Widescreen Digital Flat Panel Display, 3007WFP



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 all 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 ensure that they can withstand real-world conditions.

Price-Performance Value

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

Dell™ 30" Widescreen Digital Flat Panel Display 3007WFP offers uncompromising front-of-screen performance; *UltraSharp 30" Widescreen, fast response time (11ms), high contrast ratio (700:1) and ultra-resolution (WQXGA 2560 x 1600)*. It is ideal for CAD-CAM, 3D modeling, pre-press editing, video editing and both consumer & professional photographers. This good looking, clean-cut flat panel display is the only 30" widescreen that has comprehensive flexibility of height adjustability, swivel and tilt.

Uncompromising Front-of-Screen Performance

• UltraSharp 30" Widescreen

- About 52.5% more screen area than Dell 2405FPW.²

• Fast response time, 11ms (typical) grey-to-grey

- Enables crisp clear images when viewing fast motion video such as gaming or video editing.

• High contrast ratio, 700:1

- Images have more color detail, greater color accuracy and uniformity.

• Ultra High Resolution, 2560 x 1600 (WQXGA Widescreen Format)

- 77% more content area compared to Dell 2405FPW.³

- Allows viewing of more detail without scrolling up/down or left/right.

- Viewing of multiple applications on one screen helps to improve productivity and reduces the need for dual-monitor displays.

- The only 4 mega pixels monitor⁴ that shows true resolution of mega pixel pixel photos.

- Higher definition than HD Television to meet the most stringent video needs.

Enhanced Multimedia, Video and Graphics Experience

▪ DVI (Digital) connector helps to ensure high quality image (no jitter).

▪ HDCP enables viewing of protected high-definition content.

▪ Easy attachment of optional Dell 10W flat panel attached multimedia speakers.

Designed for Comfort and Convenience

▪ 4 USB 2.0 high speed ports for easy access to connect peripheral devices such as cameras, USB keys or cameras.

▪ Universal Serial Bus (USB) 2.0 Ports: Simply plug accessories such as memory stick, mouse, keyboard and etc into the monitor.

▪ Integrated 9-in-2 card reader allows easy access to download photos or files, no need to reach under the desk.

▪ Comprehensive flexibility of height adjustability (100mm up or down), swivel (90° left and right) and tilt (5° forward and 20° backward).

▪ Capacitive touch buttons allows easy brightness adjustment and direct system shutdown⁵ using one-touch power button.





DETAILED SPECIFICATIONS

	Dell 3007WFP Widescreen
Panel	
Screen Type	Active matrix - TFT LCD
VIS (Viewable Image Size)	30 inches (30-inch viewable image size)
Pixel Pitch	0.250 mm
Typical Response Time	11ms average (grey-to-grey), 14 ms typical (black to white)
<u>Preset Display Area:</u>	
Horizontal	641.28 mm (25.25 inches)
Vertical	400.8 mm (15.78 inches)
Viewing Angle	178° (vertical) typical, 178° (horizontal) typical
Luminance (Brightness)	400 cd/m ² (typ)
Contrast Ratio	700:1 (typical)
Faceplate coating	Antiglare with hard-coating 3H
Backlights	CCFL (16) backlight system
Number of Colors	16.7 Million
Resolution	
Horizontal scan range	49.31 kHz and 98.71 kHz (automatic)
Vertical scan range	60 Hz
Optimal preset resolution	2560 x 1600 at 60 Hz
Highest preset resolution	2560 x 1600 at 60 Hz
Preset Display Modes	
Display Modes	
VESA, 1280 x 1024	VESA, 1280 x 800 (49.31 kHz Horizontal, 59.91 Hz Vertical)
VESA, 2560 x 1600 (Digital)	98.71 kHz Horizontal, 59.97 Hz Vertical



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Physical Characteristics	
Signal cable type	Digital: Detachable, DVI-D (Dual Link) with HDCP, Solid pins
Connector type	DVI-D (Dual Link) with HDCP, white connector
VESA Mounting Support	Yes (100mm)
Industrial Design	Dell
Dimensions:	Height Adjustable Stand
Height (fully extended in portrait mode)	Height (fully extended in portrait mode): 559.7 mm (22 inches)
Height (compressed/locked in landscape mode)	469.7 mm (18.49 inches)
Width	690 mm (27.16 inches)
Depth	200 mm (7.87 inches)
Monitor Head (No Stand) Height x Width	449.55 mm (17.7 inches) x 690 mm (27.16 inches)
Weight (monitor only)	11.38 Kg (25.07 lb)
Weight (with packaging)	16 Kg (35.24 lb)
Environmental	
Power Usage:	
AC input voltage	100 to 240 VAC / 50Hz/60 Hz + 3 Hz / 1.6A (Max.)
Operating (Typical - Maximum)	147W to 177W max with USB and Sound bar
Active Off	Less than 3 W
Switched Off	Less than 1 W
Temperature:	
Operating	5° to 35°C (41° to 95°F)
Non-operating (Shipping Conditions)	Storage: -20° to 60°C (-4° to 140°F) Shipping: -20° to 60°C(-4° to 140°F)
Humidity:	
Operating	10% to 80% (non-condensing)
Non-operating (Shipping Conditions)	Storage: 5% to 90% (non-condensing) Shipping: 5% to 90%(non-condensing)
Altitude:	
Operating	3,657.6m (12,000 ft) max
Non-operating (Shipping Conditions)	12,192 m (40,000 ft) max
Thermal dissipation	604.35 BTU/hour (maximum) 501.92 BTU/hour (typical)



- (1) DisplaySearch Quarterly Desktop Monitor Shipment and Forecast report, “ Top 10 WW LCD PFD Vendors”, December 2004.
- (2) 3007WFP Screen Area (Bezel Opening) is 642mm (Width) by 403mm (Height) versus 2405FPW is 521mm (Width) x 326mm (Height).
- (3) 3007WFP maximum resolution is 2560 x 1600 versus 2405FPW maximum resolution, 1920 x 1200.
- (4) 3007WFP’s resolution, $2460 \times 1600 = 4,096,000$ pixels
- (5) Direct system shutdown requires Window XP and USB connectivity.