

Dell Professional
P2312H 23",
P2212H 21.5" &
P2012H 20"
Monitors with
LED backlights



Dell Professional
P2212H 21.5" Monitor



Dell Professional
P2012H 20" Monitor



Dell Professional
P2312H 23" Monitor

Get the perfect blend of productivity-boosting performance and comfort plus eco-friendly design with the Dell Professional P2312H 23", P2212H 21.5", and P2012H 20" monitors with LED

Experience optimal productivity with Dell Professional Series monitors. With an improved height adjustability range, the monitors can be customized to your desired viewing height and tilt, pivot and swivel to your preferred angle. Connecting to your work devices is convenient with the many port options such as VGA, USB, DVI available on these Professional series monitors.

Made of environmentally preferable materials, with an energy-efficient design which meets the latest environmental standards, these productivity enablers can help to minimize environmental impact in your organization. For a comfortable solution for collaborative viewing, or working on long, intensive projects, Dell Professional P2312H 23", P2212H 21.5", and P2012H 20" monitors with LED deliver.

Dell Professional P2312H 23", P2212H 21.5" & P2012H 20" Monitors with LED backlights

Designed for optimal comfort

- **Improved height adjustability** (130 mm vs. previous Dell models with 100 mm) — Maximize your viewing comfort by easily adjusting the monitor to the desired height
- **Additional comfort-enabling features such as tilt, swivel and pivot (with enhanced menu rotation)** With the Enhanced Menu Rotation software¹ you can easily rotate the monitor from landscape to portrait viewing and vice versa. Other comfort-enabling features include tilt and swivel and allow you to adjust the screen to your preferred angle.
- **Remote asset management (Enabled when used with Dell computers in a network managed by Dell Client Manager)** — Enjoy the comfort and convenience of troubleshooting, accessing, monitoring and managing multiple Dell monitors at different locations from a remote site with the remote asset management feature.
- **Connectivity options**
 - VGA, DVI (HDCP), 2 x USB ports — Seamlessly connect your monitor with your desktop, laptop and other peripherals with the wide array of connectivity ports. Plus, get convenient and easy access to USB ports found at the side of the monitor.
 - TCO Certified Displays — Ensures high visual performance and comfortable viewing positions.

Excellent screen performance

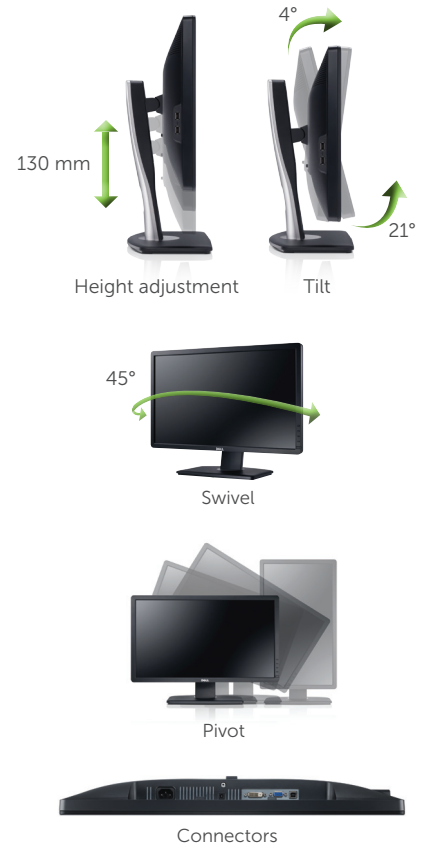
- **Screen clarity**
 - Experience great work productivity with a crystal clear 1920 x 1080 resolution (max) for P2312H & P2212H; 1600 x 900 (max) resolution for P2012H
 - High dynamic contrast ratio of 2 million:1 so you can see your work in razor-sharp clarity, and experience smooth, jitter-free moving images
 - High color gamut² of 84% for P2312H, and 82% for both P2212H and P2012H, and 16.7 million colors — Get a wide range of true-to-life colors

- **Premium Panel Guarantee** — A free panel exchange is guaranteed in the event that you discover even one bright pixel in the Professional series monitors during the Limited Hardware Warranty³ period, thus ensuring the quality of the monitor

Eco-design

- **Made of environmentally-responsible materials**
 - BFR/PVC-free monitor (except for its cables), helping you make a greener choice without compromising on cost, performance or reliability
 - Help make the monitor easy to recycle and will help to lower power consumption
 - Arsenic-free, mercury-free LED panel
 - More than 25% post-consumer recycled plastics in its chassis
- **PowerNap⁴ software** — Helps to dim the monitor to its minimum brightness level or puts it into sleep mode when not in use — designed to help save energy
- **Dynamic dimming⁵ software** — Adjusts onscreen brightness when images displayed consist of predominantly large bright and white areas — designed to help save energy
- **Remote asset management (Enabled when used with Dell computers in a network managed by Dell Client Manager)** — Save energy by scheduling tasks such as turning off Dell monitors at specific times after office hours, especially with the Professional Series' extremely low active-off mode of <0.1W
- **Environmental compliance** — Meets the latest environmental standards such as ENERGY STAR®, EPEAT Gold, TCO Certified Displays, and CECP
- **Eco-conscious packaging** — Environmentally responsible packaging free of expanded polystyrene foam (EPS) plus corrugated cardboard, both of which are easy to recycle and help reduce to environmental waste

Designed for comfort, convenience and ease-of-use



Power-saving features



Dynamic Dimming automatically dims onscreen brightness when displayed images consist of predominantly large bright and white areas



PowerNap dims the monitor to the minimum brightness level or puts it into sleep mode based on user preference

Dell recommends that customers dispose 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



Dell Professional P2312H
23" monitor with LED

Dell Professional P2212H
21.5" monitor with LED

Dell Professional P2012H
20" monitor with LED

Display			
Viewable image size (diagonal)	58.42 cm (23 inches)	54.61 cm (21.5 inches)	50.80 cm (20 inches)
Preset display area	146,169 sq-mm (226.6 sq-inches)	127,806 sq-mm (198.21 sq-inches)	110,301 sq-mm (170.99 sq-inches)
Horizontal	509.76 mm (20.07 inches)	476.64 mm (18.77 inches)	442.8 mm (17.43 inches)
Vertical	286.74 mm (11.29 inches)	268.14 mm (10.56 inches)	249.1 mm (9.81 inches)
Maximum resolution	1920 x 1080 at 60 Hz		1600 x 900 at 60 Hz
Pixel pitch	0.265 mm	0.248 mm	0.277 mm
Brightness (typical)	250cd/m ²		
Color gamut (typical)	84% ²	82% ²	
Color depth	16.7 million colors		
Contrast ratio (typical)	1,000:1		
Dynamic contrast ratio (typical)	2 million:1 (P2312H and P2212H); up to 2 million:1 (P2012H)		
Viewing angle (typical) (vertical/horizontal)	160°/170°		
Response time (typical)	5ms (black to white)		
Panel type	TN (active matrix – TFT LCD)		
Backlight	LED		

Connectivity	
Connectors	DVI-D (HDCP), VGA, 2 x USB 2.0 ports
Remote asset management	Yes, used with PC managed by Dell Client Manager

Design Features	
Stand	Height adjustable stand (130 mm) with tilt, swivel and pivot features, built-in cable management, VESA mount support
Security	Security lock slot and stand lock (security lock and M3x6mm screw for stand lock not included)

Power		
AC input voltage/frequency/current	100 to 240 VAC/50 or 60 Hz ± 3 Hz/1.5 A (typical)	100 to 240 VAC/50 or 60 Hz ± 3 Hz/1.2 A (typical)
Power consumption (typical)	25W	21W
Power consumption active-off mode	0.1W	

Dimensions (with stand)			
Height (compressed ~ extended)	365.0 mm ~ 493.9 mm (14.37 inches ~ 19.44 inches)	355.6 mm ~ 484.5 mm (14.00 inches ~ 19.07 inches)	344.56 mm ~ 474.56 mm (13.57 inches ~ 18.68 inches)
Width	546.4 mm (21.51 inches)	513.0 mm (20.20 inches)	478.40 mm (18.84 inches)
Depth	185.4 mm (7.3 inches)	183.3 mm (7.22 inches)	

Weight			
Weight without stand assembly (For wall mount or VESA mount considerations – no cables)	3.44 kg (7.58 lbs)	3.29 kg (7.24 lbs)	2.88 kg (6.35 lbs)
Weight with stand assembly and cables	5.70 kg (12.57 lbs)	5.88 kg (12.96 lbs)	5.08 kg (11.20 lbs)
Weight with packaging	7.24 kg (15.96 lbs)	7.45 kg (16.42 lbs)	6.33 kg (13.96 lbs)

Service & Warranty			
<ul style="list-style-type: none"> • 3 Years Advanced Exchange Service⁶ & Limited Hardware Warranty³ • Premium Panel Guarantee – 100% replacement of Professional series monitors sold if any bright pixel is found, valid within the warranty period. 			

*Registered in US and Canada only.

**P2312H and P2212H only.

¹ Enabled when PowerNap feature is enabled.

² Color gamut (typical) is based on CIE1976 (84%, 82%, 82%) and CIE1931 (72%) test standards on the P2312H, P2212H and P2012H monitors respectively.

³ For a copy of Limited Hardware Warranty, write to Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.

⁴Dims the monitor to its minimum brightness or puts it in to sleep mode when not in use.

⁵ When enabled, reduces on screen brightness when displayed images consist of predominantly large bright and white areas.

⁶ Advanced Exchange Service: Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies. Other conditions apply.

