

Dell Professional
P2412H 24"
Monitor with
LED backlights



Get optimal productivity with comfort enabling features all in an eco-friendly design with the Dell Professional P2412H 24" monitor with LED

Designed to minimize environmental impact, the P2412H is halogen-free except for its cables, and made from environmentally preferable materials such as an arsenic-free, mercury-free panel and more than 25% post consumer recycled plastics in its chassis.

Its comfort-enabling features include an improved height adjustability range which offers you optimal viewing height, and also tilt, swivel, pivot — full adjustability features. Its wide range of connectivity options offers seamless connectivity with your notebooks, desktops and peripherals, while remote asset management gives you the convenience of monitoring, accessing, troubleshooting and managing multiple Dell monitors from the comfort of your desk.

Get comfort, convenience and energy-conscious features with the Dell Professional P2412H.

Dell also offers a completely halogen-free monitor, the Dell Professional P2412H-HF in the USA, UK and Japan. Ask your Dell representative for more information.

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The P2412H combines high performance and stylish design with compliance to tough environmental requirements, and is 20% more efficient than conventional options.

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)** — Adjust the screen to the preferred angle (tilt — 4 degrees forward/ 21 degrees backward — plus swivel). Change the orientation of the screen from horizontal to vertical (pivot) to easily read newsletters, flyers, or web pages without the need to scroll using manual adjustment and an enhanced menu rotation
- **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
- **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 5 — 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
 - 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 gamut of 82% 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 Warranty⁵ period, thus ensuring the quality of the monitor



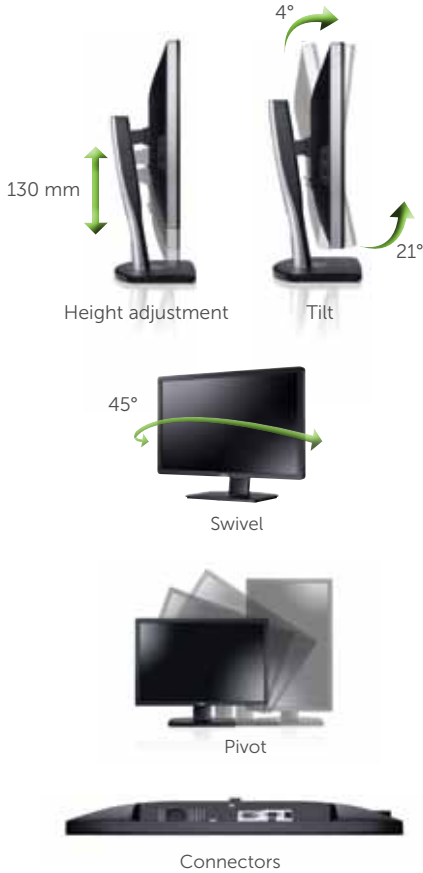
Dell Professional
P2412H 24" Monitor

Eco-design

- **Made of environmentally-preferable materials**
 - Halogen-free ready (except for its cables), helping you make a greener choice without compromising on cost, performance or reliability
 - Easy to recycle and will help to lower power consumption
 - Arsenic-free glass
 - Mercury-free LED panel
 - More than 25% post-consumer recycled plastics in its chassis
- **PowerNap¹ software** — Helps to dim the monitor to its minimum brightness level or puts it into sleep mode when not in use
- **Dynamic dimming² software** — Adjusts onscreen brightness when images displayed consist of predominantly large bright and white areas
- **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 P2412H's extremely low active-off mode of <0.1W
- **Environmental compliance** — Meets the latest environmental standards such as ENERGY STAR®, EPEAT Gold, TCO Certified Displays 5.2, and CECP
- **Eco-friendly packaging** — Environmentally responsible packaging free of expanded polystyrene foam (EPS) plus corrugated cardboard, both of which are easy to recycle and do not contribute to environmental waste

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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



Monitor

Viewable image size (diagonal)	60.97 cm (24 inches)
Preset display area:	158,818 sq-mm (246.23 sq-inches)
Horizontal	531.36 mm (20.92 inches)
Vertical	298.89 mm (11.77 inches)
Maximum resolution	1920 x 1080 at 60 Hz
Pixel pitch	0.277 mm
Brightness (typical)	250 cd/m ²
Color gamut (typical)	81% ¹
Color depth	16.7 million colors
Contrast ratio (typical)	1,000:1
Dynamic contrast ratio (typical)	2 million:1
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	VGA, DVI-D (HDCP), 2 X USB 2.0 ports
Remote asset management	Yes, used with PCs managed by Dell Client Manager

Design features

Stand	Height adjustable stand (130 mm), tilt, swivel, pivot and built-in cable management
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/1.2A (maximum)
Power consumption (typical)	21 W
Power consumption standby/sleep mode	<0.1W

Dimensions (with stand)

Height (compressed ~ extended)	370 mm ~ 500 mm (14.50 inches ~ 19.69 inches)
Width	569.0 mm (22.36 inches)
Depth	180.3 mm (7.10 inches)

Weight

Weight without stand assembly (for wall mount or VESA mount considerations – no cables)	4.04 kg (8.89 lbs)
Weight with stand assembly and cables	6.18 kg (13.60 lbs)
Weight with packaging	7.62 kg (16.76 lbs)

Environmental Compliance

ENERGY STAR 5.1, TCO 5.2, EPEAT Gold, China Energy Label, (CEL) Grade 1, China Energy Conservation Program (CECP), WEEE, ErP(EuP) Standards, Korea E-Standby

Service & Warranty

- 3 years Advanced Exchange Service² & Limited Hardware Warranty³
- Premium Panel Guarantee – 100% replacement of Professional series monitors sold with systems or as standalone units if any bright pixel is found, valid within the warranty period, standard or extended where applicable (replacement units may be refurbished).

*Registered in US and Canada only.

¹ Color gamut (typical) is based on CIE1976 (81%) and CIE1931 (72%) test standards.

² 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.

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