Dell P2425H(DELL-P2425H)

Dell P2425H - LED monitor - 24" (23.81" viewable) - 1920 x 1080 Full HD (1080p) @ 100 Hz - IPS - 250 cd/m² - 1500:1 - 5 ms - HDMI, VGA, DisplayPort - BTO - with 3 years Basic Hardware Service with Advanced Exchange after remote diagnosis

Stay productive. Get enhanced visual comfort and seamless connectivity with this FHD monitor, certified by TÜV for 4-star eye comfort.

Key Selling Points

Improved ComfortView Plus
Refresh rate
Vivid colors
Color consistency
1500:1 contrast ratio
Extensive connectivity
Quick access USB ports
Design innovation
Energy conservation
Excellence in environmental standards

Product Features

Improved ComfortView Plus
Reduces harmful blue light emissions to ≤35%, for all-day comfort without sacrificing color.

Refresh rate
100 Hz refresh rate delivers less flicker, more seamless scrolling and smoother motion.

Vivid colors
Wide color coverage with up to 16.7 m displayable colors of 99% sRGB.

Color consistency
Vibrant colors across wide viewing angles enabled by In-Plane Switching (IPS) technology.

1500:1 contrast ratio
For deeper blacks and brighter whites.

Extensive connectivity
Wide variety of ports for all your accessories.

Quick access USB ports
Including a USB-C downstream that delivers up to 15W of power.

Design innovation
This monitor has been thoughtfully crafted with sustainable materials including 85% recycled plastics with post-consumer recycled plastic and closed-loop ITE-derived plastic, 50% recycled steel, 100% recycled aluminum and at least 20% recycled glass.

Energy conservation
Using PowerNap mode in Dell Display Manager lowers energy use by up to 14.8%.

Excellence in environmental standards
This monitor is certified ENERGY STAR 8.0, carries the TCO Certified Edge designation, and is registered EPEAT Gold with Climate+. With Climate+, this monitor has met industry best practices around decarbonization.

Main Specifications

Product Description	Dell P2425H - LED monitor - Full HD (1080p) - 24"
Device Type	LED-backlit LCD monitor - 24"
Energy Label QR Code URL	Https://eprel.ec.europa.eu/qr/1865623
Energy Class	Class C
Power Consumption (On mode)	11.7 W
Features	USB 3.2 Gen 1 hub, USB PD 15 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 (DisplayPort: 100 Hz, HDMI: 100 Hz, VGA: 60 Hz)
Pixel Pitch	0.2745 mm
Brightness	250 cd/m²
Contrast Ratio	1500:1
Response Time	5 ms (grey-to-grey fast), 8 ms (grey-to-grey normal)
Colour Support	16.7 million colours
Colour Gamut	99% sRGB
Input Connectors	HDMI, VGA, DisplayPort
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Screen Coating	Anti-glare 3H hardness
Voltage	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH) - with stand (lowest position)	53.864 cm x 18.175 cm x 36.4 cm
Weight	4.61 kg
Pricing Type	BTO
Environmental Standards	ENERGY STAR Qualified
Carbon Footprint	155 kg carbon emissions
Compliant Standards	Plug and Play, RoHS, BFR-free, PVC-free
Bundled Services	3 years Basic Hardware Service with Advanced Exchange after remote diagnosis

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	Https://eprel.ec.europa.eu/qr/1865623
Energy Class	Class C
Diagonal Size	24"
Viewable Size	23.81"
Built-in Devices	USB 3.2 Gen 1 hub
USB Power Delivery	15 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 (DisplayPort: 100 Hz, HDMI: 100 Hz, VGA: 60 Hz)
Pixel Pitch	0.2745 mm

Pixel Per Inch	92.53
Brightness	250 cd/m²
Contrast Ratio	1500:1
Colour Support	16.7 million colours
Colour Gamut	99% sRGB
Response Time	5 ms (grey-to-grey fast), 8 ms (grey-to-grey normal)
Vertical Refresh Rate	48 - 100 Hz
Horizontal Refresh Rate	30 - 110 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare 3H hardness
Backlight Technology	LED backlight
Features	LED edgelight system, Flicker Free technology, Mercury free, OSD controller, arsenic-free glass, Dell Easy Arrange, Wide Viewing Angle, Low Blue Light technology, 3-sided bezeless, Dell ComfortView Plus
Dimensions (WxDxH)	53.864 cm x 18.175 cm x 36.4 cm - with stand (lowest position)
Weight	4.61 kg

Manufacturer Warranty

Bundled Services	3 years Basic Hardware Service with Advanced Exchange after remote diagnosis

Miscellaneous

Features	Security lock slot (cable lock sold separately), integrated cable management, VESA interface support
Cables Included	1 x DisplayPort 1.2 cable - DisplayPort to DisplayPort - 1.8 m ¦ 1 x USB 3.2 Gen 1 upstream cable - 1.8 m
Compliant Standards	Plug and Play, RoHS, BFR-free, PVC-free
Pricing Type	BTO
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption (On mode)	11.7 W
Power Consumption SDR (On mode)	11.7 kWh/1000h
Power Consumption (Typical)	12 Watt
Power Consumption (Max)	65 Watt
Power Consumption Stand by	0.3 Watt
Power Consumption (Off Mode)	0.3 Watt

Software / System Requirements

Included Software	Dell Display Manager

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 80% (non-condensing)

Connectivity

Interfaces	HDMI (HDCP 1.4) ¦ DisplayPort 1.2 (HDCP 1.4) ¦ VGA ¦ USB 3.2 Gen 1 upstream (Type B) ¦ 3 x USB 3.2 Gen 1 downstream (Type A) ¦ USB-C 3.2 Gen 1 downstream (power up to 15W)

Dimensions & Weight

Dimensions & Weight Details	With stand (lowest position) - width: 53.864 cm - depth: 18.175 cm - height: 36.4 cm - weight: 4.61 kg ¦ With stand (highest position) - width: 53.864 cm - depth: 18.175 cm - height: 49.653 cm - weight: 4.61 kg ¦ Without stand - width: 53.864 cm - depth: 5.003 cm - height: 31.423 cm - weight: 3.12 kg

Dimensions & Weight (Shipping)

Shipping Weight	6.78 kg

Mechanical

Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-5/+21
Swivel Angle	90
Rotation Angle	180
Height Adjustment	150 mm
VESA Mounting Interface	100 x 100 mm

Sustainability Information

ENERGY STAR Certified	Yes
Carbon Footprint	155 kg carbon emissions
Manufacturing (kg CO2e)	81
Logistics (kg CO2e)	13
Use (kg CO2e)	58
EOL (kg CO2e)	4
Total Carbon w/o Use Phase (kg CO2e)	97
PAIA Version	GaBi version 1

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