

Dell UltraSharp 24 USB-C Hub Monitor - U2421E

Keeps you captivated



Reviewers' Guide

DELLTechnologies

Dell UltraSharp 24 USB-C Hub Monitor - U2421E



KEEPS YOU CAPTIVATED

Designed with wellness in mind, the elegant Dell UltraSharp 24 USB-C Hub Monitor features **ComfortView Plus**, an always-on built-in low blue light screen that reduces harmful blue light emissions while delivering excellent color.

This 24" 16:10 WUXGA monitor offers an extended vertical view in a modern space saving design with virtually borderless InfinityEdge, convenient quick access ports, easy-to-use joystick menu control and comfort features.

With extensive connectivity options, including USB-C and RJ45, this monitor serves as a productivity hub that delivers Ethernet¹ and power² – all in a clutter-free setup that offers a captivating view, inside and out.

¹ Ethernet connection via the RJ45 port.

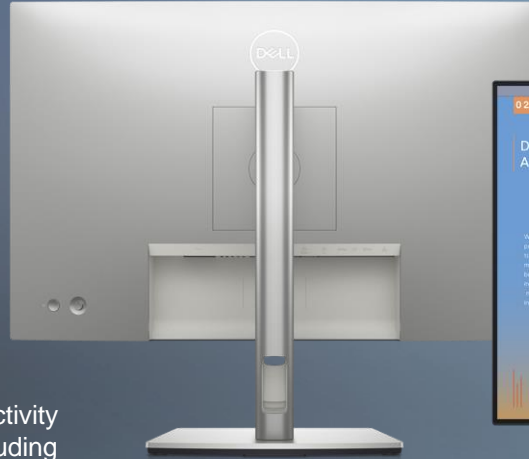
² Up to 90W power delivery via USB-C.

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Elegantly crafted with **premium platinum silver finish** for a polished look

New **easy-to-use joystick control** to navigate through the **On-Screen Display (OSD)** menu

Comprehensive connectivity options including **RJ45** and **USB-C** (up to 90W power delivery)



Improved cable management design conceals cables within the riser for a clutter free desk

24" 16:10 WUXGA monitor featuring **ComfortView Plus**, an always-on **built-in low blue light screen**



Sleek, stylish monitor includes a **small monitor base** to free up valuable desk space

Virtually borderless **InfinityEdge** delivers an edge to edge viewing experience

Adjust to your comfort - pivot, tilt, swivel and height adjustable (up to 150mm)

Quick access front ports enable easy connection and charging of peripherals



Vibrant color. Easy on the eyes.

Designed with wellness in mind, this monitor features **ComfortView Plus**, an always on built-in low blue light screen that reduces harmful blue light emissions while delivering excellent color performance.



TÜV Rheinland® certified –
Low Blue Light Hardware Solution
and Flicker Free.

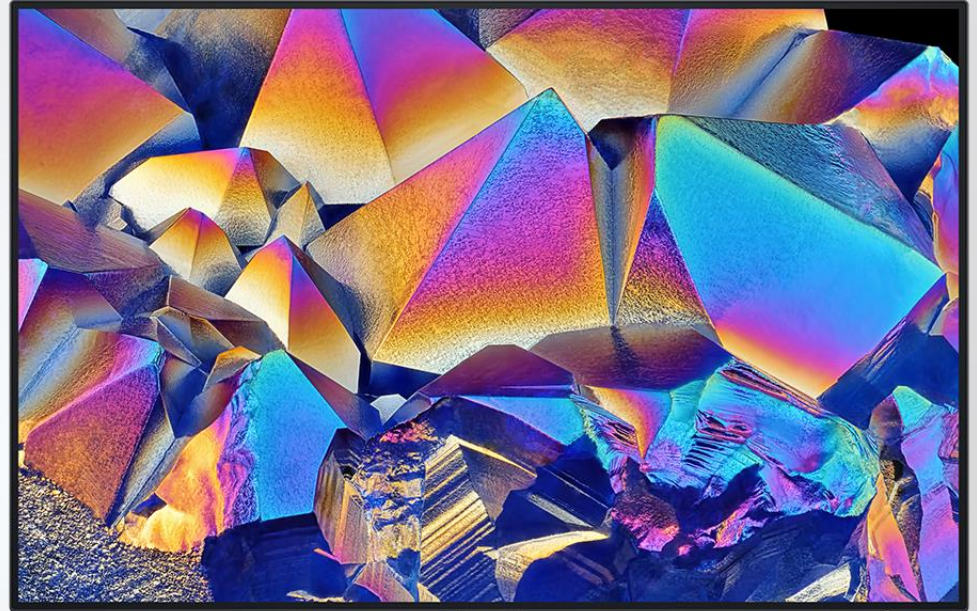
Experience consistent color across a wide 178°/178° viewing angle with In-Plane Switching (IPS) technology. And with 99% sRGB coverage to an accuracy of Delta-E less than 2, users can expect precise hues right out of the box.

See more. Scroll less.

11% ↑

Get an extended vertical view on this 24" 16:10 WUXGA (1920 X 1200) monitor with 11% more onscreen real estate than a standard 16:9 FHD.³

Fully optimize this 16:10 screen by pivoting into a full 90° view.



³ Based on comparison against a 23.8 inch 1920 X 1080 resolution monitor.



Productivity Hub

Extensive connectivity options like RJ45 and USB-C enables this monitor to serve as a productivity hub, delivering stable Ethernet⁴ and power to the laptop — all in a clutter-free setup.

Charge the connected laptop with up to 90W of power using USB-C⁵, a single cable solution that transmits power, data and video signals.

MAC Address pass-through⁶, PXE Boot, and Wake-on-LAN are conveniently built in for easy manageability.

DP out connectivity enables daisy chaining of up to three monitors, for a boost in productivity.

⁴ Ethernet connection via the RJ45 port.

⁵ Up to 90W power delivery via USB-C.

⁶ MAC Address pass-through functionality is tested to work with most Dell PC systems. Functionality on non-Dell systems may vary.

Quick Access

Convenient quick access ports (x1 USB-C with up to 15W power deliver and x1 SuperSpeed USB 5 Gbps) allow easy connection and charging of peripherals, such as mobiles phones and storage devices.

The downward facing ports are advantageous in multi-monitor setups and they enable a natural downward flow of the cables, reducing bends and stress to the connectors.



A step forward in design.



Redesigned with purpose

Crafted with a premium platinum silver finish, this sleek monitor features a small base and an elegant cable management system that hides cords within the monitor riser.



Easy-to-use joystick control

Navigate the onscreen menu and adjust settings with the easy-to-use joystick control.



Adjusts to your comfort

Tilt, swivel, pivot and adjust the height of the monitor to a maximum of 150mm for a comfortable working experience.

Enhanced productivity. Steadfast reliability.



Multi-monitor productivity

Work with an uninterrupted view across multiple monitors with virtually borderless InfinityEdge. With a Dell dual monitor set up, you can increase your productivity by up to 21%.⁷

Daisy chain up to three monitors with DP out connectivity.



Dell Display Manager

Dell Display Manager's Easy Arrange allow quick tiling of applications side by side across one or more connected screens for multitasking efficiency.

Asset management reports allow IT managers to quickly capture and track monitor information as well as configure multiple monitors at once through a single setup. Learn more on dell.com/ddm



Steadfast reliability

- World's #1 monitor company⁸
- Dell Premium Panel Exchange
- 3-Year Advanced Exchange Service
- Optional ProSupport

⁷ Source: Based on Principled Technologies Report commissioned by Dell. Actual results will vary. Full report: https://www.principledtechnologies.com/Dell/P2419H_monitor_productivity_1118.pdf

⁸ Dell monitors are #1 Worldwide for 7 consecutive years (2013,Q2 to 2020,Q2). Source: IDC Worldwide Quarterly PC Monitor Tracker, Q2, 2020.

Green thinking for today and tomorrow

This monitor meets the latest regulatory and environmental standards such as EnergyStar®, EPEAT® Gold⁹ and TCO.

To reduce our manufacturing impact on the environment, it is shipped Styrofoam-free and the packaging is made of at least 75% recycled cardboard.

Save energy with PowerNap¹⁰, a feature that dims or puts the monitor to sleep when it's not in use.

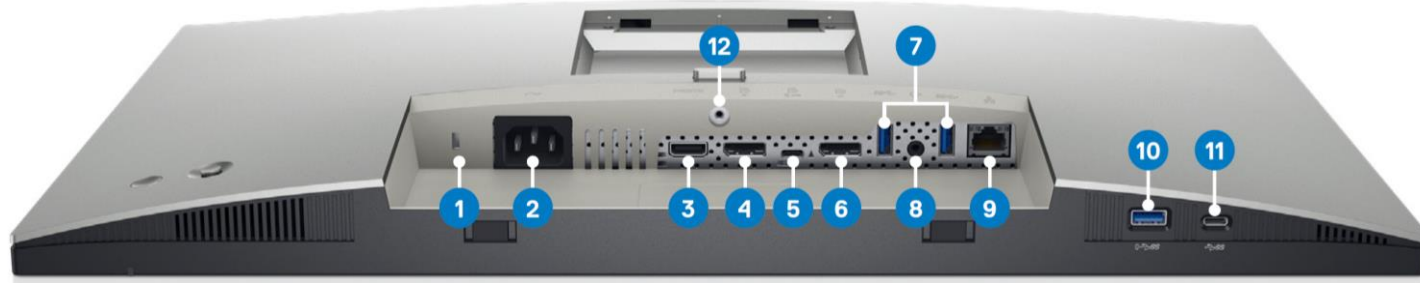


⁹EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

¹⁰ Enabled by Dell Display Manager.

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Connectivity



- 1 Security lock slot
- 2 Power connector
- 3 HDMI port
- 4 DisplayPort (In)
- 5 USB Type-C/DisplayPort
- 6 DisplayPort (Out)
- 7 SuperSpeed USB 5Gbps (USB 3.2 Gen1) (x2)
- 8 Audio-Out port
- 9 RJ45 connector
- 10 SuperSpeed USB 5 Gbps (USB 3.2 Gen1) with BC1.2 charging capability at 2A (max)
- 11 USB Type-C Downstream port
- 12 Stand lock

Product specifications

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Display

Model Number	U2421E
Diagonal Viewing Size	611.3 mm (24.10 inches)
Horizontal, active area	518.4 mm (20.40 inches)
Vertical, active area	324.0 mm (12.76 inches)
Maximum Resolution	1920 x 1200 at 60Hz
Pixel Pitch	0.270 mm x 0.270 mm
Pixel Per Inch (PPI)	94
Aspect Ratio	16:10
Brightness (typical)	350 cd/m ²
Color Gamut	99% sRGB, 99% Rec 709
Color Depth	16.7 million
Contrast Ratio (typical)	1000:1
Viewing Angle	178°/178° (vertical / horizontal)
Response Time	Fast mode: 5 ms gray-to-gray (typical) Normal mode: 8 ms gray-to-gray (typical)
Panel Type	In-Plane Switching Technology
Backlights	LED
ComfortView with Flicker-free screen	Yes with ComfortView Plus - built-in low blue light screen. TÜV Rheinland certified – Low Blue Light Hardware Solution and Flicker Free (ID 1111224180)
Dell Display Manager	Yes with Easy Arrange and other key features

Connectivity

Connectors	1 x DP 1.4 (HDCP 1.4), 1 x HDMI 1.4 (HDCP 1.4), 1 x USB Type-C® (Alternate mode with DisplayPort 1.4, USB 3.2 Gen1 upstream port, Power delivery up to 90W ¹), 1 x USB Type-C downstream (15W), USB 3.2 Gen1 (5 Gbps), 1 x DP (Out) with MST, 2 x SuperSpeed USB 5 Gbps (USB 3.2 Gen1), 1 x SuperSpeed USB 5 Gbps (USB 3.2 Gen1) with BC1.2 charging capability at 2A (max), 1 x Analog 2.0 audio line out (3.5 mm jack), 1 x RJ45
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Design features

Stand	Height adjustable (150 mm), Tilt (-5° to 21°), Swivel (-45° to 45°), Pivot (clockwise, counter-clockwise)
Security	Security lock slot (cable lock sold separately), Anti-theft stand lock slot (to panel)
VESA Mounting Support (wall mount sold separately)	VESA mounting holes (100 mm x 100 mm — behind attached VESA cover)

Power

AC Input voltage/frequency/ current	100 VAC to 240 VAC / 50 Hz or 60 Hz + 3 Hz / 2.1 A (maximum)
Power Consumption (normal operation)	30.0 W (typical), 186.0 W (maximum) ²
Power consumption (Active-off mode)	< 0.3 W

Dimensions (with stand)

Height (compressed ~ extended)	364.0 mm ~ 510.7 mm (14.33 inches ~ 20.11 inches)
Width	530.8 mm (20.90 inches)
Depth	173.0 mm (6.81 inches)
Weight	
Weight (panel only)	4.0 kg (8.8 lb)
Weight (with stand and cables)	6.1 kg (13.4 lb)
Shipping weight (with packaging)	8.6 kg (19.0 lb)

Environmental compliance

ENERGY STAR® certified monitor, Registered EPEAT® Gold³, RoHS Compliant, TCO Certified displays, BFR/ PVC Free monitor (excluding external cables), Meets NFPA 99 leakage current requirements, Arsenic-Free glass and Mercury-Free for the panel only

Service and warranty

Premium Panel Exchange⁴, 3 Years Advanced Exchange Service⁵, Limited Hardware Warranty⁶, Optional ProSupport⁷

¹ Dell adheres to standard USB-C specifications and protocol. Functionality with non-Dell USB-C systems may vary.

² Maximum power consumption with maximum luminance.

³ EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

⁴ Dell Premium Panel Exchange allows a free panel replacement in the event you discover one bright pixel during the Limited Hardware Warranty Period. See pixel panel info for complete details:

<http://support.dell.com/support/topics/global.aspx/support/kcs/document?docid=414288>

⁵ Advanced Exchange: Dell will send you a replacement monitor the next business day in most cases, if deemed necessary after phone/online diagnosis. Shipping times may vary by location and for monitors 55" and above. Fee charged for failure to return defective unit. See dell.com/servicecontracts/global.

⁶ For a copy of the Limited Hardware Warranty, write to Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see dell.com/warranty.

⁷ Availability varies, please visit www.dell.com/support for details.

Accessories

Add these accessories to enhance the Dell UltraSharp Monitor experience.



Dell Dual Monitor Arm
MDA20

This comprehensive dual monitor and system mounting solution keeps your desk clutter-free. It is the world's first monitor arm that offers swivel angle adjustment with a flip of the switch¹¹.



Dell Slim Soundbar
SB521A

World's slimmest and lightest soundbar¹² offers exceptional audio clarity and magnetically attaches to Dell monitors¹³, offering a clean desk experience.



Dell Premier Wireless
Keyboard and Mouse
KM717

Enjoy a uniquely designed, arc-shaped mouse that fits into virtually any workspace and boost productivity with a keyboard that features multi-OS support and popular shortcut keys.

¹¹ Based on internal analysis, November 2019.

¹² Based on Dell analysis of publicly available specs of comparative attachable monitor soundbars, July 2020.

¹³ Compatible with select Dell monitors only. Please refer to the Dell Slim Soundbar – SB521A compatibility list on dell.com

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