

## Dell UltraSharp U5226KW (DELL-U5226KW)

Dell UltraSharp U5226KW - LED monitor - 52" (51.5" viewable) - 6144 x 2560 6K @ 120 Hz - IPS Black - 400 cd/m<sup>2</sup> - 2000:1 - 5 ms - Thunderbolt 4, 2xHDMI, 2xDisplayPort - speakers



The Dell UltraSharp U5226KW is designed for those seeking an expansive display experience with its 52-inch LED-backlit LCD technology. Featuring a native resolution of 6144 x 2560 and a wide color gamut of 100% sRGB and 99% DCI-P3, this monitor delivers visuals that are suitable for professional and creative work. Equipped with a variety of inputs, including Thunderbolt 4 and multiple HDMI and DisplayPort options, connectivity is seamless and versatile. Additionally, the monitor is built with environmental considerations in mind, including EPEAT Gold certification and being ENERGY STAR certified. It features a range of built-in capabilities, such as USB 3.2 hub functionality and integrated Ethernet, ensuring that users have everything they need at their fingertips. With adjustable refresh rates and a sleek design, the Dell UltraSharp U5226KW enhances productivity while providing eye comfort features like low reflection coating and blue light certification.

## Key Selling Points

- 52-inch LED-backlit LCD monitor with 6144 x 2560 resolution
- Wide color gamut of 100% sRGB and 99% DCI-P3 for vibrant images
- Built-in USB 3.2 hub and Ethernet for easy connectivity
- EPEAT Gold and ENERGY STAR certified for environmental friendliness
- Supports multiple inputs with Thunderbolt 4, HDMI, and DisplayPort

## Product Features

### Stunning visual clarity

The Dell UltraSharp U5226KW features a native resolution of 6144 x 2560, providing detail and clarity for all applications. This resolution, combined with a pixel density of 129 PPI, ensures crisp images whether working on design projects or enjoying multimedia.

### Comprehensive color support

With support for 1.07 billion colors and impressive color coverage including 100% sRGB and 99% DCI-P3, users can expect accurate and vibrant color reproduction. This makes the monitor suitable for graphic design, video editing, and other color-critical applications.

### Versatile connectivity options

Featuring a wide array of input options including Thunderbolt 4, two HDMI ports, and two DisplayPort connections, this monitor offers flexibility for various devices. Additionally, it includes a built-in USB hub for connecting peripheral devices easily.

### Environmentally responsible design

This monitor is designed with sustainability in mind, achieving EPEAT Gold certification. Additionally, its ENERGY STAR certification ensures that it operates with energy efficiency, making it a choice for eco-conscious users.

### Enhanced user comfort

Equipped with an anti-glare and low reflection coating, the Dell UltraSharp U5226KW promotes comfortable viewing in various lighting conditions. It also features TUV Rheinland Low Blue Light certification to help reduce eye strain during extended use.

## Main Specifications

Product Description	Dell UltraSharp U5226KW - LED monitor - 6K - 52"
Device Type	LED-backlit LCD monitor - 52"
Energy Label QR Code URL	<a href="https://eprel.ec.europa.eu/qr/2415042">https://eprel.ec.europa.eu/qr/2415042</a>
Energy Class	Class G
Features	USB 3.2/USB-C hub, USB PD 140 Watt
Panel Type	IPS Black
Aspect Ratio	21:9
Native Resolution	6K 6144 x 2560 at 120 Hz
Pixel Pitch	0.19644 mm
Brightness	400 cd/m <sup>2</sup>
Contrast Ratio	2000:1
Response Time	5 ms (grey-to-grey fast), 8 ms (grey-to-grey normal)
Colour Support	1.07 billion colours
Colour Gamut	100% sRGB (CIE 1931), 99% DCI-P3 (CIE 1976), 100% BT.709 (CIE 1931), 99% P3 (CIE 1976)
Input Connectors	Thunderbolt 4, 2xHDMI, 2xDisplayPort
Built-in Ethernet	Yes
Screen Coating	Anti-glare, 3H Hard Coating, low reflection coating

Voltage	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH) - with stand (highest position)	122.332 cm x 25.5 cm x 66.679 cm
Weight	17.76 kg
Environmental Standards	TCO Certified Edge Displays, TCO Certified, generation 10, for displays, ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	1010 kg carbon emissions
Compliant Standards	Plug and Play, RoHS, TUV Rheinland Low Blue Light Certification, BFR-free, PVC-free

## Extended Specification

### Environmental Parameters

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

### General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	<a href="https://eprel.ec.europa.eu/qr/2415042">https://eprel.ec.europa.eu/qr/2415042</a>
Energy Class	Class G
Diagonal Size	52"
Viewable Size	51.5"
Built-in Devices	USB 3.2/USB-C hub
USB Power Delivery	140 Watt
Panel Type	IPS Black
Aspect Ratio	21:9
Native Resolution	6K 6144 x 2560 at 120 Hz
Pixel Pitch	0.19644 mm
Pixel Per Inch	129
Brightness	400 cd/m <sup>2</sup>
Contrast Ratio	2000:1
Colour Support	1.07 billion colours
Colour Gamut	100% sRGB (CIE 1931), 99% DCI-P3 (CIE 1976), 100% BT.709 (CIE 1931), 99% P3 (CIE 1976)
Response Time	5 ms (grey-to-grey fast), 8 ms (grey-to-grey normal)
Vertical Refresh Rate	48 - 120 Hz
Horizontal Refresh Rate	30 - 326 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, 3H Hard Coating, low reflection coating
Backlight Technology	LED backlight
Features	Picture in picture, picture by picture, LED edgelight system, Mercury free, arsenic-free glass, Delta E<1.5 calibration
Dimensions (WxDxH)	122.332 cm x 25.5 cm x 66.679 cm - with stand (highest position)
Weight	17.76 kg

### Sustainability Information

TCO Certified	TCO Certified Edge Displays, TCO Certified, generation 10, for displays
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	1010 kg carbon emissions

Manufacturing (kg CO2e)	323.2
Logistics (kg CO2e)	65.65
Use (kg CO2e)	309.06
EOL (kg CO2e)	312.09
Total Carbon w/o Use Phase (kg CO2e)	700.94
PAIA Version	GaBi version 1, 2025

## Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption SDR (On mode)	63.6 kWh/1000h
Power Consumption (Typical)	51.4 Wh
Power Consumption (Max)	430 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

## Audio

Type	Speakers - stereo
Output Power / Channel	9 Watt

## Mechanical

VESA Mounting Interface	100 x 100 mm, 200 x 200 mm, 200 x 100 mm
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## Miscellaneous

Features	Security lock slot (cable lock sold separately), ambient light sensor, VESA interface support
Cables Included	1 x HDMI cable - 1.8 m   1 x DisplayPort 1.4 cable - DisplayPort to DisplayPort - 1.8 m   1 x Thunderbolt 4 cable - 2 m   1 x USB-C to USB-A cable - 1 m
Compliant Standards	Plug and Play, RoHS, TUV Rheinland Low Blue Light Certification, BFR-free, PVC-free
Security Slot Type	Kensington security slot

## Dimensions & Weight (Shipping)

Shipping Weight	34.85 kg
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## Software / System Requirements

Included Software	Dell Display Manager, Dell Peripheral Manager
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## Connectivity

Interfaces	2 x HDMI   2 x DisplayPort 1.4   Thunderbolt 4/USB-C 3.2 Gen 2 upstream/DisplayPort 1.4 (power up to 140W)   3 x USB-C upstream (data only)   4 x USB 3.2 Gen 2 downstream (SuperSpeed USB (10 Gbps))   LAN (RJ-45)   2 x USB-C 3.2 Gen 2 downstream (power up to 27W)   USB 3.2 Gen 2 downstream with Battery Charging 1.2
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## Dimensions & Weight

Dimensions & Weight Details	With stand (highest position) - width: 122.332 cm - depth: 25.5 cm - height: 66.679 cm - weight: 17.76 kg   With stand (lowest position) - width: 122.332 cm - depth: 25.5 cm - height: 57.679 cm - weight: 17.76 kg   Without stand - width: 122.332 cm - depth: 11.194 cm - height: 52.905 cm - weight: 12.95 kg
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## What's in the box

- Dell UltraSharp U5226KW
- HDMI cable - 1.8 m
- DisplayPort 1.4 cable - 1.8 m
- Thunderbolt 4 cable - 2 m
- USB-C to USB-A cable - 1 m

## Software

*\*TD SYNEX is not responsible for errors in the documentation of products.*