DELL UltraSharp U3224KB computer monitor 81.3 cm (32") 6144 x 3456 pixels 6K Ultra HD LCD Black, Silver

Brand : DELL **Product family:** UltraSharp **Product code:** DELL-U3224KB

Product name : U3224KB

- 81.3cm (32") 6K Ultra HD 6144 x 3456 LED IPS
- 8ms, 16:9, 450cd/m², 2000:1
- USB, HDMI, Mini DisplayPort

81.3cm (32") 6K Ultra HD 6144 x 3456 LED IPS, 16:9, 450cd/m², 1.07B, 8ms, 178°/178°, 2000:1
DELL UltraSharp U3224KB. Display diagonal: 81.3 cm (32"), Display resolution: 6144 x 3456 pixels, HD type: 6K Ultra HD, Display technology: LCD, Response t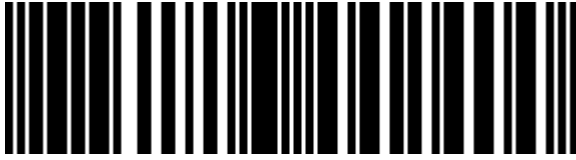ime: 8 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black, Silver

Display		Ports & interfaces	
Display diagonal *	81.3 cm (32")	Headphone out *	✘
Display resolution *	6144 x 3456 pixels	Built-in KVM switch	✔
HD type *	6K Ultra HD	HDCP	✔
Native aspect ratio *	16:9	HDCP version	2.2
Display technology *	LCD	**Network**	
Panel type *	IPS	Ethernet LAN	✔
Backlight type	LED	**Ergonomics**	
Touchscreen *	✘	VESA mounting *	✔
Display brightness (typical)	450 cd/m²	Panel mounting interface	100 x 100 mm
Response time	8 ms	Cable management	✔
Anti-glare screen	✔	Cable lock slot *	✔
Screen shape *	Flat	Cable lock slot type	Kensington
Supported graphics resolutions	6144 x 3456, 640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA), 1024 x 768 (XGA), 1152 x 864 (XGA+), 1280 x 1024 (SXGA), 1280 x 800, 1600 x 1200, 1600 x 900, 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080), 1920 x 1200 (WUXGA), 2560 x 1440, 3840 x 2160, 5120 x 2880, 6016 x 3384	Height adjustment *	✔
		Height adjustment	16 cm
		Pivot	✔
		Pivot angle	-90 - 90°
		Swivelling	✔
		Swivel angle range	-30 - 30°
Supported video modes	480p, 576p, 720p, 1080i, 1080p, 2160p	Tilt adjustment	✔
		Tilt angle range	-5 - 21°
Contrast ratio (typical) *	2000:1	On Screen Display (OSD)	✔
Maximum refresh rate *	60 Hz	Plug and Play	✔
Viewing angle, horizontal	178°	LED indicators	✔
Viewing angle, vertical	178°	**Power**	
Display number of colours *	1.07 billion colours	Power consumption (typical) *	56.73 W
Response time (fast)	5 ms	Power consumption (standby) *	0.26 W
Pixel pitch	0.1134 x 0.1134 mm	Power consumption (max)	420 W
Pixel density	223 ppi	Power consumption (off)	0.25 W

Display

Horizontal scan range	30 - 220 kHz
Vertical scan range	56 - 76 Hz
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
Display diagonal (metric)	79.94 cm
Surface hardness	3H
RGB colour space	DCI-P3
Colour gamut	99%
sRGB coverage (typical)	100%
Heat dissipation	193.57 BTU/h

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Flicker-free technology	✔
Low Blue Light technology	✔
Infrared (IR) sensor	✔

Multimedia

Built-in speaker(s) *	✔
Built-in camera *	✔
Number of speakers	2
RMS rated power	14 W
Megapixel (approx.)	8 MP
Built-in microphone	✔

Design

Product colour *	Black, Silver

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	2
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Power Delivery up to	140 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.1
DisplayPort version	1.4
Mini DisplayPorts quantity	1
Thunderbolt 4 ports quantity	2

Power

AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	4.6 A

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	10 - 80%
Storage relative humidity (H-H)	5 - 90%
Operating altitude	0 - 5000 m
Non-operating altitude	0 - 12192 m

Packaging content

Stand included	✔
Cables included	AC, DisplayPort, Thunderbolt, USB Type-A to USB Type-C
Quick start guide	✔

Weight & dimensions

Width (with stand)	717.4 mm
Depth (with stand)	237 mm
Height (with stand)	522.6 mm
Weight (with stand)	13 kg
Width (without stand)	717.4 mm
Depth (without stand)	66.3 mm
Height (without stand)	486.6 mm
Weight (without stand)	8.61 kg
Bezel width (side)	1.03 cm
Bezel width (top)	4.29 cm
Bezel width (bottom)	2.31 cm

Packaging data

Package weight	17.7 kg

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, RoHS, TCO
Doesn't contain	Arsenic, Mercury, PVC/BFR

Other features

On/off switch	✔
Picture-by-Picture (PbP)	✔
Maximum resolution	6144 x 3456 pixels
Proximity sensor	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Ethernet LAN (RJ-45) ports	1

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