ComX Computers
Product Specification Sheet

MNDE210-BQTK

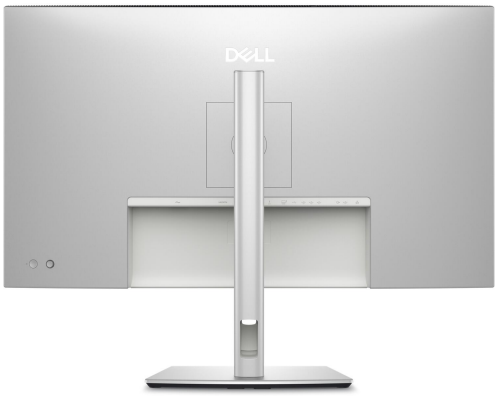
Dell U3225qe 31.5" IPS 4K UHD 3840x2160 Black UltraSharp Thunderbolt Hub Monitor, Type-C, HDMI, DP

Product Overview

Dell UltraSharp U3225QE, 31.5" 4K UHD (3840x2160), IPS Black panel, 3000:1 contrast ratio, 120Hz refresh rate, 5ms GTG response, 99% DCI-P3, 99% Display P3, 100% sRGB, Delta E











Rear view

1. Security lock slot (based on Kensington Security Slot™)
2. Power connector
3. HDMI 2.1
4. DisplayPort 1.4 (in)
5. DisplayPort 1.4 (out)
6. Thunderbolt 4 downstream port (15W)
7. Thunderbolt 4 upstream port (Extended Power Range up to 140W)
8. USB 10Gbps Type-C upstream port
9. 3x USB 10Gbps Type-A downstream port
10. Audio line-out
11. USB 10Gbps Type-A downstream port
12. RJ45 Ethernet port, 2.5GbE
13. 2x USB 10Gbps Type-C downstream ports with power charging (15W)
14. USB 10Gbps Type-A downstream port with BC1.2 power charging
15. Stand lock

Included cables:

- Power cable
- DisplayPort 1.4 cable - 1.8 m
- USB Type-A to USB Type-C upstream cable - 1.0 m
- Thunderbolt 4 passive cable - 1.0 m

Specifications

Overview summary:

The Dell UltraSharp 32 4K Thunderbolt Hub Monitor U3225QE offers a premium 31.5" 4K UHD display with enhanced IPS Black technology delivering deeper contrast and exceptional colour accuracy. Ideal for South African professionals such as graphic designers, video editors, and content creators seeking superior image quality combined with eye comfort and productivity features.

With a 120Hz refresh rate, low reflectance panel, and TÜV 5-star eye comfort certification, this monitor ensures reduced eye strain during long work sessions. Its extensive connectivity including Thunderbolt 4 with up to 140W power delivery and RJ45 Ethernet makes it perfect for multitasking and modern work environments.

Key specifications:

- Screen size: 31.5"
- Resolution (pixels): 3840 x 2160
- Aspect ratio: 16:9
- Flat or curve: Flat
- Refresh rate (Hz): 120 Hz
- Video ports: 1 DisplayPort 1.4 in, 1 DisplayPort 1.4 out, 1 HDMI 2.1, 1 Thunderbolt 4 upstream, 1 Thunderbolt 4 downstream
- Sync: VRR (Variable Refresh Rate)
- Monitor performance tier: Professional / Creator Grade
- Uses: Graphic design, video editing, professional multitasking, content creation

- Response time: 5 ms
- Contrast ratio: 3000:1
- Brightness (nits or cd/m2): 450 cd/m2 (typical), 600 cd/m2 (peak)
- Panel type: IPS Black Technology
- Audio ports : 1 Analog 2.0 audio line out port (3.5 mm jack)
- Speakers: -
- Viewing angle : 178 degrees horizontal, 178 degrees vertical
- Kensington Lock Slot: Yes
- Power consumption (Stand-by/Typical/Max): 0.5 W / 30.5 W / 335 W
- VESA: 100 x 100 mm
- Size (cm x cm x cm): 71.32 x 41.03 x 5.75 (without stand), 71.32 x 61.89 x 21.5 (with stand)
- Blue light: Yes

Overview:

Dell UltraSharp 32 4K Thunderbolt Hub Monitor - U3225QE
A 31.5" monitor featuring the world's first enhanced IPS Black with 3000:1 contrast ratio with enhanced eye comfort from improved ComfortView Plus, an ambient light sensor and 120Hz refresh rate.

Features:

A better view
With 47% deeper blacks versus conventional IPS, a low reflectance panel that improves contrast ratio, smoother visuals on a 120Hz refresh rate and exceptional colour accuracy with 99% DCI-P3 and Display P3, every detail of your work pops.

Low reflectance panel
The low reflectance panel reduces glare from outside light sources and improves screen contrast.

World's best eye comfort
TÜV 5-star certified monitor for eye comfort.

Smoother visual experience
A 120Hz refresh rate delivers less flicker, more seamless scrolling and smoother motion than 60Hz monitors.

Adapts to your environment
A built-in Ambient Light Sensor intelligently optimises brightness and colour temperature based on your surroundings.

Improved ComfortView Plus
Our latest monitors reduce harmful blue light emissions to <= 35%, compared to <= 50% from the previous generation, for all-day eye comfort without sacrificing colour accuracy.

Lightning-fast efficiency
With a variety of connectivity options, stay connected to all your peripherals and accessories to optimise your work configuration and stay productive and efficient.

Power delivery
Power your devices with a single cable connection with up to 140W EPR (Extended Power Range)enabled by Thunderbolt 4.

Extensive connectivity
Connect all your devices with over a dozen ports, including pop-out quick access ports.

Stable connection
Connect to the Ethernet with a built-in RJ45 port with up to 2.5GbE.

Expand your perspective
Experience uncompromised picture quality by daisy chaining two 4K monitors on either Windows, or macOS, powered by Thunderbolt 4.

Works seamlessly with devices on macOS
Tested with devices on macOS, this Thunderboltth monitor with P3 colour is your ideal companion for Macdevices.

Dell Display and Peripheral Manager
Experience Dell's singular, innovative application to optimise the performance of your entire Dell PC workspace.

Maximise productivity
Easy Arrange tiles apps across screens with pre-set partitions and customises up to five windows, enhancing multitasking. Easy Arrange Memory saves and restores app profiles manually, on schedule, or at start-up.

Easy navigation
Control and work across multiple network or USB connected PCs and monitors with a single keyboard and mouse, seamlessly transferring files between them.

More manageable
Save time and boost IT efficiency with the Dell Device Management Console to manage your Dell peripheral fleet at scale, from a single cloud-based console. Discover expanded Command Line Interface features from Dell Display and Peripheral Manager.

Dell Colour Management
Optimise your picture

- Optimise your picture
- Easily calibrate your monitor's colours on the new Dell Colour Management softwarewith Calman Verified certification.
- Create, store, and manage ICC profiles on your computer dynamically through the software dashboard.
- Dell Colour Management software is compatible with multiple operating systems including Windows and macOS.

Material innovation
Your monitor has been thoughtfully crafted with a selection of sustainable materials including 85% post-consumer plastic and closed-loop ITE-derived plastic100% recycled aluminium50% recycled steeland at least 20% recycled glassthat make up to 25% recycled content by weight. Using recycled materials helps conserve natural resources and contributes to a lower environmental footprint.

Environmental standards
This monitor is registered EPEAT Gold with Climate certified ENERGY STARand carries the latest TCO certified designation. With the new certification, this monitor is assured to be built using renewable energy while meeting high safety standards.

Seamlessly modernise your tech
We can help you responsibly and securely retire your legacy IT equipment, regardless of brand, while addressing your sustainability goals.

Packaging with purpose
This monitor ships in a box made from 100% renewable materials. We are reducing plastic waste wherever possible and transitioning to a responsible fiber-based solution.

Specifications:

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Specifications	
Product Code	MNDE210-BQTK
Technical Information	
Number of Screens	1
Screen Size Class	32"
Viewable Screen Size	31.5"
Screen Mode	4K UHD
Panel Technology	In-plane Switching (IPS) Black Technology
Response Time	5 ms
Response Time Details	5ms GTG (Fast)
	8ms GTG
Aspect Ratio	16:9
Pixel Pitch	0.18159 mm x 0.18159 mm
Horizontal Viewing Angle	178 degrees
Vertical Viewing Angle	178 degrees

Mount Type	Panel Mount
Backlight Technology	LED Edgelight System
HDCP Supported	Yes
Maximum Adjustable Height	150 mm
Tilt Angle	-5 degrees to 21 degrees
Swivel Angle	-30 degrees to 30 degrees
Pivot Angle	-90 degrees to 90 degrees
Features	VESA DisplayHDR 600
	Eye Comfort Technology
	Narrow Bezel
	Mercury-free
	Arsenic-free Glass
	Low reflectance with anti-glare and hard-coating 3H
	PVC Free
	BFR Free
	Picture by Picture
	Picture in Picture
	Cable Lock Slot
	Security Lock
	Ambient Light Sensor
	Color Calibration
Horizontal Frequency	30 kHz to 275 kHz
Vertical Frequency	48 Hz to 120 Hz
Adjustable Stand	Yes
Stand Adjustments	Swivel
	Height
	Pivot
	Tilt
Stand Included	Yes
Glass Hardness	3H
Energy Efficiency Class	F
Soundbar Compatibility	Optional soundbar (sold separately)
Video	
Maximum Resolution	3840 x 2160
Standard Refresh Rate	120 Hz
Colour Supported	1.07 Billion Colours
Native Contrast Ratio	3,000:1

Brightness	450 cd/m 2
	600 cd/m 2
Colour Gamut	DCI-P3 99% (CIE1976) (typical)
	Display P3 99%
	sRGB 100% (CIE1931) (typical)
	BT.709 100%
	Delta E
Pixel Per Inch (PPI)	140
Interfaces/Ports	
Connectivity	1 DisplayPort 1.4 port with DSC support (DRR for Microsoft Windows)
	1 DisplayPort 1.4 port out
	1 HDMI port (Supports up to UHD 3840 x 2160 120Hz FRL, VRR as per specified in HDMI2.1)
	1 Thunderbolt 4 upstream port (DP1.4 (HDCP 2.2) with DSC support, PD: Up to 140W EPR, 2/4 Lanes switching)
	1 Thunderbolt 4 downstream port (Downstream, Daisy Chain, 15 W)
	1 USB-C (USB 10Gbps KVM) upstream port
	1 Analog 2.0 audio line out port (3.5 mm jack)
	4 USB Type-A ports 10Gbps
	1 RJ45 Ethernet port, 2.5GbE
	Quick Access port:
	1 USB Type-A 10Gbps port with BC 1.2
	2 USB-C 10Gbps downstream ports
USB Type-C (Power Delivery)	Up to 140W EPR
Audio Line Out	Yes
Built-in Devices	
Built-in Devices	Ambient Light Sensor
Environmental Conditions	
Operating Temperature Range	0 degrees C) to 40 degrees C)
Non-operating Temperature Range	-20 degrees C to 60 degrees C
Operating Humidity Range	10% to 80% (Non-condensing)
Non-operating Humidity Range	5% to 90% (Non-condensing)
Maximum Operating Altitude	4998.72 m
Maximum Non-operating Altitude	12192 m
Power Description	
Input Voltage Range	100V AC to 240V AC
Operating Power Consumption	30.50 W
Standby Power Consumption	0.5 W

Off-Mode Power Consumption	0.3 W
Frequency	60 Hz
	50 Hz
Maximum Power Consumption	335 W
Voltage Current	4.20 Ah
Physical Characteristics	
VESA Mount Compatible	Yes
VESA Mount Standard	100 x 100
Height	410.34 mm
Width	713.20 mm
Depth	57.50 mm
Height with Stand	618.94 mm
Width with Stand	713.20 mm
Depth with Stand	215 mm
Compressed Height with Stand	468.94 mm
Extended Height with Stand	618.94 mm
Weight (Approximate)	6.52 kg
Weight with Stand (Approximate)	9.34 kg
Miscellaneous	
Package Contents	UltraSharp 32 4K Thunderbolt Hub Monitor U3225QE
	Stand
	Drivers and Documentation Media
	QR Card
	Safety Information
Cables Included	Power Cable
	1 x DisplayPort-DisplayPort Cable - 1.80 m
	1 x USB Type-A to Type-C Upstream Cable 1.00 m
	1 x Thunderbolt 4 passive cable - 1.00 m
Energy Star	Yes
Country of Origin	China
TCO Certified	Yes
Dell Display Manager Compatibility	Yes
Environmentally Friendly	Yes
Environmental Certification	TCO Certified Edge
Energy Efficiency Certification	ENERGY STAR 8.0
Energy Efficiency Compliance	Energy-related Products Directive Lot 5 (ErP Lot 5)
Environmental Compliance	Restriction of Hazardous Substances (RoHS)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MNDE210-BQTK-Dell-U3225qe-31-5-IPS-4K-UHD-3840x2160-Black-UltraSharp-Thunderbolt-p-323314.php

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