

Dell Pro 24 All-in-One Plus QB24250 - all-in-one Core Ultra 7 265 2.4 GHz - 16 GB - SSD 512 GB - LED 23.81"(DYDJ8)

Dell Pro 24 All-in-One Plus QB24250 - All-in-one Core Ultra 7 265 / up to 5.3 GHz - RAM 16 GB - SSD 512 GB - NVMe, TLC - Intel Graphics - Gigabit Ethernet, Bluetooth, IEEE 802.11ax (Wi-Fi 6E) - Win 11 Pro - monitor: LED 23.81" 1920 x 1080 (Full HD) @ 100 Hz - black - BTS - with 3 Years Basic Onsite



The Dell Pro 24 All-in-One Plus QB24250 is designed to elevate both productivity and entertainment with its 23.81-inch Full HD display. Featuring vibrant colors and clear images, this all-in-one system is suitable for a variety of tasks, from video conferencing to media consumption. The anti-glare screen ensures comfortable viewing in different environments, while the integrated audio with high definition and dual microphones allows for an immersive sound experience during calls and multimedia playback. Its CMOS sensor webcam delivers quality visuals, ensuring important meetings and connections happen smoothly.

Performance is emphasized with an Intel Core Ultra 7 processor paired with 512 GB of SSD storage, providing quick access to files and applications. The device also includes various connectivity options, including USB-C and HDMI, making it adaptable for a wide range of peripherals and displays. A wireless keyboard and mouse combo enhances the user experience, contributing to a clean workspace without the clutter of cords. Whether for home use or professional applications, this all-in-one solution delivers efficiency without compromising on style or functionality.

Key Selling Points

- 23.81-inch Full HD display with anti-glare technology
- Integrated webcam with CMOS sensor for clear video conferencing
- Powered by Intel Core Ultra 7 processor with 20 cores
- 512 GB SSD for fast storage and quick access
- Comprehensive connectivity options including USB-C and HDMI

Product Features

- Efficient audio quality**
The integrated audio system features high definition sound with two speakers and dual microphones that enhance clarity during calls and multimedia playback.
- Expandable storage options**
With an available slot for an additional SSD, this all-in-one offers flexibility for future storage needs while supporting PCI Express 4.0 for high-speed performance.
- Versatile connectivity**
Equipped with multiple USB and HDMI ports, as well as support for Ethernet and Wi-Fi 6E, ensuring seamless connectivity for various devices and networks.
- Reliable security features**
Included Trusted Platform Module (TPM 2.0) security chip and chassis intrusion switch enhance device security, offering peace of mind in personal and professional settings.
- High-definition video capabilities**
The retractable IR/RGB camera provides smooth video at 30 frames per second, enhancing any video conferencing or streaming experience.

Main Specifications

Product Description	Dell Pro 24 All-in-One Plus QB24250 - all-in-one Core Ultra 7 265 2.4 GHz - 16 GB - SSD 512 GB - LED 23.81"
Type	Personal computer - all-in-one
Bundled Services	3 Years Basic Onsite
Processor	Intel Core Ultra 7 (Series 2) 265 / 2.4 GHz (up to 5.3 GHz, (20-core)
Processor Main Features	20 Threads, 65W CPU
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 TOPS

Cache Memory	30 MB
Cache Per Processor	30 MB
RAM	16 GB (installed) / 64 GB (max) - DDR5 SDRAM - non-ECC
Hard Drive	SSD 512 GB - PCI Express 4.0 - M.2 - NVMe Express (NVMe), triple-level cell (TLC)
Optical Storage	No optical drive
Card Reader	Yes
Monitor	23.81" - LED - 1920 x 1080 (Full HD) @ 100 Hz - 92 ppi
Graphics Controller	Intel Graphics Shared Video Memory (UMA) - up to 8 TOPS
Camera	Yes
Networking	1GbE, Bluetooth, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6E
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	Activate your Microsoft 365 for a 30 day trial
Colour	Black
Dimensions (WxDxH)	54 cm x 5.79 cm x 35.43 cm
Weight	8.89 kg
Pricing Type	Build To Stock (BTS)
Environmental Standards	ENERGY STAR Qualified EPEAT Silver
Carbon Footprint	302 kg carbon emissions

Extended Specification

General

Type	Personal computer
Bundled Services	3 Years Basic Onsite
Product Form Factor	All-in-one - with height-adjustable stand
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black

Expansion / Connectivity

Slots	2 (total) / 1 (free) x M.2 Card - 2230/2280 (for SSD) 1 (total) / 0 (free) x M.2 Card - 2230 (for wireless module)
Interfaces	1 x LAN (Gigabit Ethernet) 4 x USB 3.2 Gen 2 (one of them with PowerShare) 2 x USB-C 3.2 Gen 2x2 2 x USB 3.2 Gen 1 (supports SmartPower On) 1 x headphones/microphone 1 x DisplayPort 1.4a 1 x HDMI output 1 x HDMI input

RAM

Installed Size	16 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM - non-ECC
Effective Memory Speed	5600 MT/s
Rated Memory Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots	2 (Total) / 1 (empty)
Configuration Features	1 x 16 GB

Networking

Interface (Bus) Type	M.2 2230
Ethernet Controller	Intel I219-LM
Wireless LAN Supported	Yes
Wireless NIC	Intel Wi-Fi 6E AX 211

Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E)
Features	Dual stream (2x2)
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion switch
Security Slot Type	Kensington security slot
Compliant Standards	FIPS 140-2
Pricing Type	Build To Stock (BTS)

Power

Device Type	Power supply
Voltage Required	AC 90-264 V (50/60 Hz)
Power Provided	160 Watt
80 PLUS Certification	80 PLUS Bronze

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80% (non-condensing)

Cache Memory

Installed Size	30 MB
Cache Per Processor	30 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	Windows 11 Pro
Software	Activate your Microsoft 365 for a 30 day trial

Monitor

Monitor Type	LED - IPS
Diagonal Size	23.81"
Native Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	100 Hz
Widescreen Display	Yes
Pixel Density (ppi)	92
Horizontal Viewing Angle	+89 / -89
Vertical Viewing Angle	+89 / -89
Colour Gamut	99% sRGB
Pixel Pitch	0.27 mm
Response Time	14 ms
Image Brightness	250 cd/m²
Image Contrast Ratio	1500:1
Monitor Features	Anti-glare, Dell ComfortView Plus

Graphics Controller

Graphics Processor	Intel Graphics Shared Video Memory (UMA) - up to 8 TOPS
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Video Interfaces

HDMI, DisplayPort

Audio Output

Compliant Standards	High Definition Audio
Speakers Included	2

Hard Drive

Type	SSD - M.2
Capacity	1 x 512 GB
Interface Type	PCI Express 4.0
Features	NVM Express (NVMe), triple-level cell (TLC)

Input Device

Type	Mouse (on selected markets only), keyboard (on selected markets only)
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Audio Input

Type	2 microphones
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Camera

Camera	Yes
Resolution (MP)	2.07 Megapixel (standard), 0.23 Megapixel (infrared)
Resolution	1920 x 1080 (standard), 640 x 360 (infrared)
Features	CMOS sensor, IR/RGB camera, retractable, 30 frames per second, 82 degrees, 77.9 degrees (IR camera)

Dimensions & Weight

Width	54 cm
Depth	5.79 cm
Height	35.43 cm
Weight	8.89 kg

Keyboard

Keyboard Name	Dell KM5221W Pro Wireless Keyboard and Mouse Combo
Connectivity	Wireless

Card Reader

Type	Card reader
Supported Flash Memory Cards	SD Memory Card, SDHC Memory Card, SDXC Memory Card

Mouse

Connectivity	Wireless
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Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 265
Clock Speed	2.4 GHz (P-core) / 1.8 GHz (E-core)
Max Turbo Speed	5.3 GHz (P-core) / 4.6 GHz (E-core)
Number of Cores	20-core
CPU Qty	1
Processor Main Features	20 Threads, 65W CPU
Chipset Type	Intel Q870

Sustainability Information

EPEAT Compliant	EPEAT Silver
ENERGY STAR Certified	Yes
Carbon Footprint	302 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	83
EOL (kg CO2e)	0
PAIA Version	PAIA 1.4.6, 2025

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	33 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

What's in the box

Dell Pro 24 All-in-One Plus QB24250
Height-adjustable stand

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