DELL Pro QC24251 Intel® Core™ i5 i5-14500T 61 cm (24") 1920 x 1080 pixels All-in-One PC 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Black



Brand : DELL

Product code: MDHN9

Product name : Pro QC24251

DELL Pro QC24251. Product type: All-in-One PC. Display diagonal: 61 cm (24"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Panel type: IPS. Processor family: Intel® Core™ i5. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Black

Display	
Display diagonal *	61 cm (24")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type *	Full HD
Native aspect ratio	16:9
Display brightness	250 cd/m²
Panel type	IPS
Display technology marketing name	ComfortView Plus
Pixel pitch	0.27 x 0.27 mm
Pixel density	92 ppi
RGB colour space	sRGB
Anti-glare screen	✓
Colour gamut	99%

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	Intel® Core™ i5 (14th gen)
Processor model *	i5-14500T
Processor cores	14
Processor threads	20
Processor boost frequency	4.8 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.4 GHz
Performance-core base frequency	1.7 GHz
Efficient-core base frequency	1.2 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	35 W
Maximum turbo power	92 W

Neural processor unit (NPU)	
Copilot+ PC	✗
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN

Memory	
Internal memory *	16 GB

Camera	
Camera resolution	1920 x 1080 pixels
Camera HD type	Full HD
Privacy camera	✓
Privacy type	Pop-up

Network	
Wi-Fi *	✓
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth *	✓

Ports & interfaces	
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
DisplayPorts quantity	1
Combo headphone/mic port	✓
Power adapter barrel connector	7.4 mm
PowerShare	✓
Number of USB ports with PowerShare support	1

Design	
Colour name	Textured Black
Product colour *	Black
Cable lock slot	✓
Cable lock slot type	Kensington

Performance	
Product type *	All-in-One PC
Trusted Platform Module (TPM)	✓

Memory	
Internal memory type	DDR5-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory form factor	DIMM/SO-DIMM
Memory data transfer rate	4800 MT/s
Non-ECC	✔

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD memory type	TLC
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics	
Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Audio	
Built-in speaker(s) *	✔
Number of speakers	2
RMS rated power	3 W
Built-in microphone	✔
Audio chip	Realtek ALC3204

Camera	
Built-in camera *	✔
Total megapixels	2.07 MP

Performance	
Trusted Platform Module (TPM) version	2.0

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro
Pre-installed software	Activate Your Microsoft 365 For A 30 Day Trial

Power	
AC adapter power	130 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V

Carbon footprint	
Total carbon footprint (kg of CO2e)	265
Total carbon emissions, standard deviation (kg of CO2e)	77
Carbon emissions, manufacturing (kg of CO2e)	182.85
Carbon emissions, logistics (kg of CO2e)	39.22
Carbon emissions, energy usage (kg of CO2e)	42.93
PAIA version	PAIA 1.4.6, 2025

Weight & dimensions	
Weight (with stand)	9.4 kg
Width (without stand)	540 mm
Depth (without stand)	57.9 mm
Height (without stand)	354.3 mm
Weight (without stand)	6.53 kg

Operational conditions	
Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m

Other features	
Stand type	Height adjustable stand

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