



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: DPJHN

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		Camera	
Display diagonal *	61 cm (24")	Privacy camera	✓
Display resolution *	1920 x 1080 pixels	Privacy type	Pop-up
Touchscreen *	✗	Network	
HD type *	Full HD	Wi-Fi *	✓
Native aspect ratio	16:9	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	250 cd/m²	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	WLAN controller manufacturer	Intel
Display technology marketing name	ComfortView Plus	WLAN controller model	Intel Wi-Fi 6E AX211
Pixel pitch	0.27 x 0.27 mm	Antenna type	2x2
Pixel density	92 ppi	Ethernet LAN *	✓
RGB colour space	sRGB	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth *	✓
Colour gamut	99%	Ports & interfaces	
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	USB 2.0 ports quantity *	2
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel® Core™ i5 (14th gen)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor model *	i5-14500T	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor cores	14	DisplayPorts quantity	1
Processor threads	20	Combo headphone/mic port	✓
Processor boost frequency	4.8 GHz	Power adapter barrel connector	7.4 mm
Performance cores	6	PowerShare	✓
Efficient cores	8	Number of USB ports with PowerShare support	1
Performance-core Max Turbo Frequency	4.8 GHz	Design	
Efficient-core Max Turbo Frequency	3.4 GHz	Colour name	Textured Black
Performance-core base frequency	1.7 GHz	Product colour *	Black
Efficient-core base frequency	1.2 GHz	Cable lock slot	✓
Processor cache	24 MB	Cable lock slot type	Kensington
Processor cache type	Smart Cache	Performance	
Processor base power	35 W	Product type *	All-in-One PC
Maximum turbo power	92 W	Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
Neural processor unit (NPU)			
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Maximum internal memory *	64 GB		

Memory		Software	
Memory slots	2	Operating system architecture	64-bit
Memory slots type	SO-DIMM	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	1 x 16 GB	Pre-installed software	Activate Your Microsoft 365 For A 30 Day Trial
Memory form factor	DIMM/SO-DIMM		
Memory data transfer rate	4800 MT/s		
Non-ECC	✓		
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	130 W
Storage media *	SSD	AC adapter frequency	50/60 Hz
Number of storage drives installed	1	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD, SDHC, SDXC		
Graphics		Carbon footprint	
Discrete graphics card *	✗	Total carbon footprint (kg of CO2e)	265
Discrete graphics card model *	Not available	Total carbon emissions, standard deviation (kg of CO2e)	77
On-board graphics card *	✓	Carbon emissions, manufacturing (kg of CO2e)	182.85
On-board GPU manufacturer	Intel	Carbon emissions, logistics (kg of CO2e)	39.22
On-board graphics card family	Intel® UHD Graphics	Carbon emissions, energy usage (kg of CO2e)	42.93
On-board graphics card model *	Intel UHD Graphics 770	PAIA version	PAIA 1.4.6, 2025
Audio		Weight & dimensions	
Built-in speaker(s) *	✓	Weight (with stand)	9.4 kg
Number of speakers	2	Width (without stand)	540 mm
RMS rated power	3 W	Depth (without stand)	57.9 mm
Built-in microphone	✓	Height (without stand)	354.3 mm
Audio chip	Realtek ALC3204	Weight (without stand)	6.53 kg
Camera		Operational conditions	
Built-in camera *	✓	Operating temperature (T-T)	10 - 35 °C
Total megapixels	2.07 MP	Storage temperature (T-T)	-40 - 65 °C
Camera resolution	1920 x 1080 pixels	Operating relative humidity (H-H)	20 - 80%
Camera HD type	Full HD	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
		Intel® vPro™ Platform Eligibility	✓



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