



DELL Pro QCS1250 Intel® Core™ i5 i5-14500 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product family: Pro

Product code:
QCS1250_I5RPLR8512WPE_3W

Product name : QCS1250

DELL Pro QCS1250. Processor family: Intel® Core™ i5, Processor model: i5-14500. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Slim PC. Product type: PC. Weight: 5.89 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPorts quantity	1
Processor family *	Intel® Core™ i5	DisplayPort version	1.4a
Processor generation	Intel® Core™ i5 (14th gen)	Ethernet LAN (RJ-45) ports	1
Processor model *	i5-14500	Combo headphone/mic port	✓
Processor cores	14	DC-in jack	✓
Processor threads	20	Number of rear USB ports	4
Processor boost frequency	5 GHz	Number of front USB ports	4
Performance cores	6	Number of SATA III connectors	2
Efficient cores	8	Expansion slots	
Performance-core Max Turbo Frequency	5 GHz	PCI Express x1 (Gen 3.x) slots	2
Efficient-core Max Turbo Frequency	3.7 GHz	PCI Express x16 (Gen 3.x) slots	1
Performance-core base frequency	2.6 GHz	Design	
Efficient-core base frequency	1.9 GHz	Chassis type *	Slim PC
Processor cache	24 MB	Placement supported	Horizontal/Vertical
Processor cache type	Smart Cache	Cable lock slot	✓
Number of processors installed	1	Cable lock slot type	Kensington
Processor base power	65 W	Product colour *	Black
Maximum turbo power	154 W	Intel® vPro™ Platform Eligibility	✓
Neural processor unit (NPU)		Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Market positioning	Business
Memory		Audio chip	Realtek ALC3204
Internal memory *	8 GB	Audio system	High Definition Audio

Memory		Performance	
Maximum internal memory *	64 GB	Trusted Platform Module (TPM)	✓
Internal memory type	DDR5-SDRAM	Product type *	PC
Memory layout (slots x size)	1 x 8 GB	Trusted Platform Module (TPM) version	2.0
Memory slots	2x DIMM	Software	
Non-ECC	✓	Operating system architecture	64-bit
Memory channels	Single-channel	Operating system installed *	Windows 11 Pro
Memory data transfer rate	4800 MT/s	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Storage		Power	
Total storage capacity *	512 GB	Power supply *	180 W
Storage media *	SSD	Power supply input voltage	90 - 264 V
Optical drive type *	✗	Power supply input frequency	47/63 Hz
Number of storage drives installed	1	Operational conditions	
Total SSDs capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
Number of SSDs installed	1	Storage temperature (T-T)	-40 - 65 °C
SSD capacity	512 GB	Operating relative humidity (H-H)	10 - 90%
SSD interface	PCI Express	Storage relative humidity (H-H)	0 - 95%
NVMe	✓	Operating altitude	-15.2 - 3048 m
SSD form factor	M.2	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating vibration	0.66 G
Discrete graphics card *	✗	Non-operating vibration	1.3 G
On-board graphics card *	✓	Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Sustainability	
On-board graphics card family	Intel® UHD Graphics	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
On-board graphics card model *	Intel UHD Graphics 770	Doesn't contain	PVC/BFR
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	95 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	293 mm
Cabling technology	10/100/1000Base-T(X)	Height *	303.5 mm
LAN controller	Intel® I219-LM	Weight *	5.89 kg
Wi-Fi *	✓	Packaging content	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Cables included	AC
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Carbon footprint	
WLAN controller manufacturer	Intel	Total carbon footprint (kg of CO2e)	163
WLAN controller model	Intel Wi-Fi 6E AX211	Carbon emissions, manufacturing (kg of CO2e)	91.117
Antenna type	2x2	Carbon emissions, logistics (kg of CO2e)	9.943
Antenna design	Internal	Carbon emissions, energy usage (kg of CO2e)	58.517
Bluetooth	✓	Carbon emissions, end-of-life (kg of CO2e)	3.42
Ports & interfaces		PAIA version	GaBi version 1, 2024
USB 2.0 ports quantity *	4	Display	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		
HDMI ports quantity *	1		
HDMI version	2.1		

Catalog Object Cloud



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