



DELL Pro QCT1250 Intel® Core™ i5 i5-14500 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro

Product code: 7P1R6

Product name : QCT1250

DELL Pro QCT1250. Processor family: Intel® Core™ i5, Processor model: i5-14500. 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. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Tower. Product type: PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPort version	1.4a
Processor family *	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	Intel® Core™ i5 (14th gen)	HDMI version	2.1
Processor model *	i5-14500	Ethernet LAN (RJ-45) ports	1
Processor cores	14	Combo headphone/mic port	✓
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 front audio ports	1
Efficient cores	8	Number of SATA III connectors	2
Performance-core Max Turbo Frequency	5 GHz	Expansion slots	
Efficient-core Max Turbo Frequency	3.7 GHz	PCI Express x1 slots	2
Performance-core base frequency	2.6 GHz	PCI Express x16 slots	1
Efficient-core base frequency	1.9 GHz	Power	
Processor cache	24 MB	Power supply *	180 W
Processor cache type	Smart Cache	Power supply input voltage	90 - 264 V
Number of processors installed	1	Power supply input frequency	47/63 Hz
Processor base power	65 W	Design	
Maximum turbo power	154 W	Chassis type *	Tower
Memory		Placement supported	Vertical
Internal memory *	16 GB	Cable lock slot	✓
Maximum internal memory *	64 GB	Cable lock slot type	Kensington
Internal memory type	DDR5-SDRAM	Product colour *	Black
Memory layout (slots x size)	1 x 16 GB		

Memory		Software	
Memory slots	2x DIMM	Operating system architecture	64-bit
Non-ECC	✓	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		Display	
Total storage capacity *	512 GB	Display included *	✗
Storage media *	SSD	Audio	
Optical drive type *	✗	Audio chip	Realtek ALC3204
Total SSDs capacity	512 GB	Audio system	High Definition Audio
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	20 - 80%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® UHD Graphics	Operating vibration	0.26 G
On-board graphics card model *	Intel UHD Graphics 770	Non-operating vibration	1.37 G
Performance		Operating shock	40 G
Market positioning	Business	Non-operating shock	105 G
Trusted Platform Module (TPM)	✓	Weight & dimensions	
Product type *	PC	Width *	154 mm
Trusted Platform Module (TPM) version	2.0	Depth *	293 mm
Network		Height *	324.3 mm
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Cables included	AC
Cabling technology	10/100/1000Base-T(X)	Sustainability	
LAN controller	Intel® I219-LM	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Wi-Fi *	✗	Doesn't contain	PVC/BFR
Ports & interfaces		Carbon footprint	
USB 2.0 ports quantity *	4	Total carbon footprint (kg of CO2e)	166
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Carbon emissions, manufacturing (kg of CO2e)	103.75
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Carbon emissions, logistics (kg of CO2e)	10.13
DisplayPorts quantity	1	Carbon emissions, energy usage (kg of CO2e)	45.65
		Carbon emissions, end-of-life (kg of CO2e)	6.31
		PAIA version	GaBi version 1, 2024



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