



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	Number of SATA III connectors	2
Processor family *	Intel® Core™ i5	Expansion slots	
Processor generation	Intel® Core™ i5 (14th gen)	PCI Express x1 slots	2
Processor model *	i5-14500	PCI Express x16 slots	1
Processor cores	14	Design	
Processor threads	20	Chassis type *	Tower
Processor boost frequency	5 GHz	Placement supported	Vertical
Performance cores	6	Cable lock slot	✓
Efficient cores	8	Cable lock slot type	Kensington
Performance-core Max Turbo Frequency	5 GHz	Product colour *	Black
Efficient-core Max Turbo Frequency	3.7 GHz	Performance	
Performance-core base frequency	2.6 GHz	Market positioning	Business
Efficient-core base frequency	1.9 GHz	Trusted Platform Module (TPM)	✓
Processor cache	24 MB	Product type *	PC
Processor cache type	Smart Cache	Trusted Platform Module (TPM) version	2.0
Number of processors installed	1	Software	
Processor base power	65 W	Operating system architecture	64-bit
Maximum turbo power	154 W	Operating system installed *	Windows 11 Pro
Memory		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Internal memory *	16 GB		
Maximum internal memory *	64 GB		
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	1 x 16 GB		

Memory		Power	
Memory slots	2x DIMM	Power supply *	180 W
Non-ECC	✓	Power supply input voltage	90 - 264 V
Memory data transfer rate	4800 MT/s	Power supply input frequency	47/63 Hz
Storage		Operational conditions	
Total storage capacity *	512 GB	Operating temperature (T-T)	10 - 35 °C
Storage media *	SSD	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	20 - 80%
Total SSDs capacity	512 GB	Storage relative humidity (H-H)	5 - 95%
Number of SSDs installed	1	Operating altitude	-15.2 - 3048 m
SSD capacity	512 GB	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating vibration	0.26 G
Discrete graphics card *	✗	Non-operating vibration	1.37 G
On-board graphics card *	✓	Operating shock	40 G
Discrete graphics card model *	Not available	Non-operating shock	105 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	Weight & dimensions	
Network		Width *	154 mm
Ethernet LAN *	✓	Depth *	293 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height *	324.3 mm
Cabling technology	10/100/1000Base-T(X)	Packaging content	
LAN controller	Intel® I219-LM	Cables included	AC
Wi-Fi *	✗	Carbon footprint	
Ports & interfaces		Total carbon footprint (kg of CO2e)	166
USB 2.0 ports quantity *	4	Carbon emissions, manufacturing (kg of CO2e)	103.75
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Carbon emissions, logistics (kg of CO2e)	10.126
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Carbon emissions, energy usage (kg of CO2e)	45.65
HDMI ports quantity *	1	Carbon emissions, end-of-life (kg of CO2e)	6.31
HDMI version	2.1	PAIA version	GaBi version 1, 2024
DisplayPorts quantity	1	Display	
DisplayPort version	1.4a	Display included *	✗
Ethernet LAN (RJ-45) ports	1	Audio	
Combo headphone/mic port	✓	Audio chip	Realtek ALC3204
Number of rear USB ports	4	Audio system	High Definition Audio
Number of front USB ports	4	Other features	
Number of front audio ports	1	Doesn't contain	PVC/BFR



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