



DELL Pro QCT1250 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro

Product code:
BT0012_QCT1250_EMEA

Product name : QCT1250

DELL Pro QCT1250. Processor family: Intel® Core™ i7, Processor model: i7-14700. 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 front USB ports	4
Processor family *	Intel® Core™ i7	Number of front audio ports	1
Processor generation	Intel® Core™ i7 (14th gen)	Number of SATA III connectors	2
Processor model *	i7-14700	Expansion slots	
Processor cores	20	PCI Express x1 slots	2
Processor threads	28	PCI Express x16 slots	1
Processor boost frequency	5.4 GHz	Design	
Performance cores	8	Chassis type *	Tower
Efficient cores	12	Placement supported	Vertical
Performance-core Max Turbo Frequency	5.3 GHz	Cable lock slot	✓
Efficient-core Max Turbo Frequency	4.2 GHz	Cable lock slot type	Kensington
Performance-core base frequency	2.1 GHz	Product colour *	Black
Efficient-core base frequency	1.5 GHz	Performance	
Processor cache	33 MB	Market positioning	Business
Processor cache type	Smart Cache	Trusted Platform Module (TPM)	✓
Number of processors installed	1	Product type *	PC
Processor base power	65 W	Trusted Platform Module (TPM) version	2.0
Maximum turbo power	219 W	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Maximum internal memory *	64 GB		
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	1 x 16 GB		

Memory		Software	
Memory slots	2x DIMM	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Memory data transfer rate	5600 MT/s		
Storage			
Total storage capacity *	512 GB	Power	
Storage media *	SSD	Power supply *	180 W
Optical drive type *	✗	Power supply input voltage	90 - 264 V
Total SSDs capacity	512 GB	Power supply input frequency	47/63 Hz
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
SSD memory type	TLC	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express 4.0	Operating relative humidity (H-H)	20 - 80%
NVMe	✓	Storage relative humidity (H-H)	5 - 95%
SSD form factor	M.2	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating vibration	0.26 G
On-board graphics card *	✓	Non-operating vibration	1.37 G
Discrete graphics card model *	Not available	Operating shock	40 G
On-board GPU manufacturer	Intel	Non-operating shock	105 G
On-board graphics card family	Intel® UHD Graphics	Sustainability	
On-board graphics card model *	Intel UHD Graphics 770	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	154 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	293 mm
Cabling technology	10/100/1000Base-T(X)	Height *	324.3 mm
LAN controller	Intel® I219-LM	Packaging content	
Wi-Fi *	✗	Cables included	AC
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)	10.126
HDMI ports quantity *	1	Carbon emissions, energy usage (kg of CO2e)	45.65
HDMI version	2.1	Carbon emissions, end-of-life (kg of CO2e)	6.31
DisplayPorts quantity	1	PAIA version	GaBi version 1, 2024
DisplayPort version	1.4a	Display	
Ethernet LAN (RJ-45) ports	1	Display included *	✗
Combo headphone/mic port	✓	Audio	
Number of rear USB ports	4	Audio chip	Realtek ALC3204
		Audio system	High Definition Audio
		Other features	
		Doesn't contain	PVC/BFR

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