



DELL Pro QCT1250 Intel Core Ultra 7 265 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro

Product code: JF8KM

Product name : QCT1250

DELL Pro QCT1250. Processor family: Intel Core Ultra 7, Processor model: 265. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Tower. Product type: PC. Weight: 6.78 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	PowerShare	✓
Processor model *	265	Number of USB ports with PowerShare support	2
Processor cores	20	DisplayPorts quantity	1
Processor threads	20	DisplayPort version	1.4a
Processor boost frequency	5.3 GHz	HDMI ports quantity *	1
Performance cores	8	HDMI version	2.1
Efficient cores	12	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.2 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Number of SATA III connectors	2
Performance-core base frequency	2.4 GHz	Expansion slots	
Efficient-core base frequency	1.8 GHz	PCI Express x1 slots	2
Processor cache	30 MB	PCI Express x16 slots	1
Processor cache type	Smart Cache	Power	
Number of processors installed	1	Power supply *	180 W
Processor base power	65 W	Power supply input voltage	90 - 264 V
Maximum turbo power	182 W	Power supply input frequency	47/63 Hz
Neural processor unit (NPU)		80 PLUS certification	80 PLUS Bronze
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		

Neural processor unit (NPU)		Design	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Chassis type *	Tower
Total processor performance up to	33 TOPs	Placement supported	Vertical
NPU performance up to	13 TOPs	Cable lock slot	✓
GPU performance up to	8 TOPs	Cable lock slot type	Kensington
Memory		Product colour *	Black
		Intel® vPro™ Platform Eligibility	✓
Internal memory *	16 GB	Software	
Maximum internal memory *	64 GB		
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory layout (slots x size)	1 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x DIMM	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Non-ECC	✓	Display	
Memory channels	Single-channel		
Memory data transfer rate	5600 MT/s	Display included *	✗
Storage		Audio	
Total storage capacity *	512 GB	Audio chip	Realtek ALC3204
Storage media *	SSD	Audio system	High Definition Audio
Optical drive type *	DVD±RW	Operational conditions	
Number of storage drives installed	1		
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)	20 - 80%
SSD memory type	TLC	Storage relative humidity (H-H)	5 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
		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® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics		
Performance		Width *	154 mm
		Depth *	293 mm
Motherboard chipset	Intel Q670	Height *	324.3 mm
Trusted Platform Module (TPM)	✓	Weight *	6.78 kg
Product type *	PC	Packaging content	
Trusted Platform Module (TPM) version	2.0		
Network		Sustainability	
Ethernet LAN *	✓	Sustainability certificates	EPEAT Silver
Ethernet LAN data rates	10,100,1000 Mbit/s	Doesn't contain	PVC/BFR
Cabling technology	10/100/1000Base-T(X)	Carbon footprint	
LAN controller	Intel® I219-LM		
Wi-Fi *	✗	Total carbon footprint (kg of CO2e)	166
Ports & interfaces		Carbon emissions, manufacturing (kg of CO2e)	103.75
		Carbon emissions, logistics (kg of CO2e)	10.13
USB 2.0 ports quantity *	4	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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