



DELL Pro QCT1250 Intel Core Ultra 5 235 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black



Brand : DELL

Product family: Pro

Product code: WT78X

Product name : QCT1250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 5 235 (24MB Cache)
 - 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 512GB SSD
 Intel Core Ultra 5 235 (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel Graphics, LAN, Windows 11 Pro 64-bit

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Unlock power and performance

Tackle high-performance tasks with ease. Upgrade to AI-enhanced productivity with up to Intel® Core™ Ultra desktop processors (Series 2).

DELL Pro QCT1250. Processor family: Intel Core Ultra 5, Processor model: 235. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. 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. Product colour: Black

Processor		Network	
Processor manufacturer *	Intel	LAN controller	Intel® I219-LM
Processor family *	Intel Core Ultra 5	Wi-Fi *	✗
Processor generation	Intel Core Ultra (Series 2)	Bluetooth	✗
Processor model *	235	Ports & interfaces	
Processor cores	14	USB 2.0 ports quantity *	4
Processor threads	14	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor boost frequency	5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance cores	6	DisplayPorts quantity	1
Efficient cores	8	DisplayPort version	1.4a
Performance-core Max Turbo Frequency	5 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4.4 GHz	HDMI version	2.1
Performance-core base frequency	3.4 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	2.9 GHz	Combo headphone/mic port	✓
Processor cache	24 MB	Number of rear USB ports	4
Processor cache type	Smart Cache	Number of front USB ports	4
Number of processors installed	1	Number of front audio ports	1
Number of processors supported	1	Number of SATA III connectors	2
Processor base power	65 W	Expansion slots	
Maximum turbo power	121 W	PCI Express x1 slots	2
Neural processor unit (NPU)		PCI Express x16 slots	1
Neural processor unit (NPU)	Intel AI Boost	Power	
Sparsity support	✓	Power supply *	180 W
Windows Studio effects support	✓	Power supply input voltage	90 - 264 V
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power supply input frequency	47/63 Hz
Total processor performance up to	27 TOPs	Design	
NPU performance up to	13 TOPs	Chassis type *	Tower
GPU performance up to	6 TOPs	Placement supported	Vertical
Memory		Water cooling system	✗
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 slots	2x DIMM		

Memory		Software	
Memory clock speed	5600 MHz	Operating system architecture	64-bit
Non-ECC	✓	Operating system installed *	Windows 11 Pro
Memory channels	Single-channel	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Memory data transfer rate	5600 MT/s		
Storage		Display	
Total storage capacity *	512 GB	Display included *	✗
Storage media *	SSD	Audio	
Optical drive type *	DVD±RW	Audio chip	Realtek ALC3204
Number of storage drives installed	1	Audio system	High Definition Audio
Total SSDs capacity	512 GB	Operational conditions	
Number of SSDs installed	1	Operating temperature (T-T)	10 - 35 °C
SSD capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express 4.0	Operating relative humidity (H-H)	20 - 80%
SSD form factor	M.2	Storage relative humidity (H-H)	5 - 95%
Compatible memory cards	Not supported	Operating altitude	-15.2 - 3048 m
RAID support	✗	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	Weight & dimensions	
On-board graphics card family	Intel® Graphics	Width *	154 mm
On-board graphics card model *	Intel® Graphics	Depth *	293 mm
Maximum on-board graphics card resolution	7680 x 4320 pixels	Height *	324.3 mm
Performance		Packaging content	
Market positioning	Business	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Trusted Platform Module (TPM)	✓	Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
Product type *	PC	Cables included	AC
Trusted Platform Module (TPM) version	2.0	Sustainability	
Built-in speaker(s)	✗	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Network		Doesn't contain	PVC/BFR
Ethernet LAN *	✓	Carbon footprint	
Ethernet LAN data rates	10,100,1000 Mbit/s	Total carbon footprint (kg of CO2e)	166
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, manufacturing (kg of CO2e)	103.75
		Carbon emissions, logistics (kg of CO2e)	10.13
		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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