



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		Ports & interfaces	
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 5	HDMI version	2.1
Processor generation	Intel Core Ultra (Series 2)	DisplayPorts quantity	1
Processor model *	235	DisplayPort version	1.4a
Processor cores	14	Ethernet LAN (RJ-45) ports	1
Processor threads	14	Combo headphone/mic port	✓
Processor boost frequency	5 GHz	Number of rear USB ports	4
Performance cores	6	Number of front USB ports	4
Efficient cores	8	Number of front audio ports	1
Performance-core Max Turbo Frequency	5 GHz	Number of SATA III connectors	2
Efficient-core Max Turbo Frequency	4.4 GHz	Expansion slots	
Performance-core base frequency	3.4 GHz	PCI Express x1 slots	2
Efficient-core base frequency	2.9 GHz	PCI Express x16 slots	1
Processor cache	24 MB	Design	
Processor cache type	Smart Cache	Chassis type *	Tower
Number of processors installed	1	Placement supported	Vertical
Number of processors supported	1	Water cooling system	✗
Processor base power	65 W	Cable lock slot	✓
Maximum turbo power	121 W	Cable lock slot type	Kensington
Neural processor unit (NPU)		Product colour *	Black
Neural processor unit (NPU)	Intel AI Boost	Performance	
Sparsity support	✓	Market positioning	Business
Windows Studio effects support	✓		

Neural processor unit (NPU)		Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Built-in speaker(s)	✗
Total processor performance up to	27 TOPs	Trusted Platform Module (TPM)	✓
NPU performance up to	13 TOPs	Product type *	PC
GPU performance up to	6 TOPs	Trusted Platform Module (TPM) version	2.0
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x DIMM		
Memory clock speed	5600 MHz		
Non-ECC	✓		
Memory channels	Single-channel		
Memory data transfer rate	5600 MT/s		
Storage		Power	
Total storage capacity *	512 GB	Power supply *	180 W
Storage media *	SSD	Power supply input voltage	90 - 264 V
Optical drive type *	DVD±RW	Power supply input frequency	47/63 Hz
Number of storage drives installed	1		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
SSD form factor	M.2		
Compatible memory cards	Not supported		
RAID support	✗		
Graphics		Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	10 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	20 - 80%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	Intel® Graphics	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	Intel® Graphics	Non-operating altitude	-15.2 - 10668 m
Maximum on-board graphics card resolution	7680 x 4320 pixels	Operating vibration	0.26 G
		Non-operating vibration	1.37 G
		Operating shock	40 G
		Non-operating shock	105 G
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
		Weight & dimensions	
		Width *	154 mm
		Depth *	293 mm
		Height *	324.3 mm
		Packaging content	
		Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
		Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
		Cables included	AC
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	166
		Carbon emissions, manufacturing (kg of CO2e)	103.75
		Carbon emissions, logistics (kg of CO2e)	10.126
		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
		Display	
		Display included *	✗
		Audio	
		Audio chip	Realtek ALC3204
		Audio system	High Definition Audio
		Other features	
		Doesn't contain	PVC/BFR



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