



DELL Pro QCS1250 Intel Core Ultra 5 235 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product family: Pro

Product code: JGV3H

Product name : QCS1250

DELL Pro QCS1250. Processor family: Intel Core Ultra 5, Processor model: 235. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Slim PC. Product type: PC. Weight: 5.89 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	4
Processor family *	Intel Core Ultra 5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor model *	235	DisplayPorts quantity	1
Processor cores	14	DisplayPort version	1.4a
Processor threads	14	HDMI ports quantity *	1
Processor boost frequency	5 GHz	HDMI version	2.1
Performance cores	6	Ethernet LAN (RJ-45) ports	1
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5 GHz	DC-in jack	✓
Efficient-core Max Turbo Frequency	4.4 GHz	Number of rear USB ports	4
Performance-core base frequency	3.4 GHz	Number of front USB ports	4
Efficient-core base frequency	2.9 GHz	Number of SATA III connectors	2
Processor cache	24 MB	Expansion slots	
Processor cache type	Smart Cache	PCI Express x1 (Gen 3.x) slots	2
Number of processors installed	1	PCI Express x16 (Gen 3.x) slots	1
Processor base power	65 W	Power	
Maximum turbo power	121 W	Power supply *	180 W
Neural processor unit (NPU)		Power supply input voltage	90 - 264 V
Neural processor unit (NPU)	Intel AI Boost	Power supply input frequency	47/63 Hz
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 *	Slim PC
Total processor performance up to	27 TOPs	Placement supported	Horizontal/Vertical
NPU performance up to	13 TOPs	Cable lock slot	✓
GPU performance up to	6 TOPs	Cable lock slot type	Kensington
Memory		Product colour *	Black
Internal memory *	8 GB	Intel® vPro™ Platform Eligibility	✓
Maximum internal memory *	64 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory layout (slots x size)	1 x 8 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	Display included *	✗
Memory data transfer rate	5600 MT/s	Audio	
Storage		Audio chip	Realtek ALC3204
Total storage capacity *	512 GB	Audio system	High Definition Audio
Storage media *	SSD	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	10 - 35 °C
Number of storage drives installed	1	Storage temperature (T-T)	-40 - 65 °C
Total SSDs capacity	512 GB	Operating relative humidity (H-H)	10 - 90%
Number of SSDs installed	1	Storage relative humidity (H-H)	0 - 95%
SSD capacity	512 GB	Operating altitude	-15.2 - 3048 m
SSD interface	PCI Express	Non-operating altitude	-15.2 - 10668 m
NVMe	✓	Operating vibration	0.66 G
SSD form factor	M.2	Non-operating vibration	1.3 G
Graphics		Operating shock	110 G
Discrete graphics card *	✗	Non-operating shock	160 G
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card model *	Not available	Width *	95 mm
On-board GPU manufacturer	Intel	Depth *	293 mm
On-board graphics card family	Intel® Graphics	Height *	303.5 mm
On-board graphics card model *	Intel® Graphics	Weight *	5.89 kg
Performance		Packaging content	
Market positioning	Business	Cables included	AC
Trusted Platform Module (TPM)	✓	Sustainability	
Product type *	PC	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Trusted Platform Module (TPM) version	2.0	Doesn't contain	PVC/BFR
Network		Carbon footprint	
Ethernet LAN *	✓	Total carbon footprint (kg of CO2e)	163
Ethernet LAN data rates	10,100,1000 Mbit/s	Carbon emissions, manufacturing (kg of CO2e)	91.12
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, logistics (kg of CO2e)	9.94
LAN controller	Intel® I219-LM	Carbon emissions, energy usage (kg of CO2e)	58.52
Wi-Fi *	✗	Carbon emissions, end-of-life (kg of CO2e)	3.42
		PAIA version	GaBi version 1, 2024



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