



DELL Pro QCS1250 Intel Core Ultra 5 235 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product family: Pro

Product code:
BTO107_QCS1250_EMEA

Product name : QCS1250

DELL Pro QCS1250. Processor family: Intel Core Ultra 5, Processor model: 235. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Wi-Fi. 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		Network	
Processor manufacturer *	Intel	Antenna design	Internal
Processor family *	Intel Core Ultra 5	Bluetooth	✓
Processor generation	Intel Core Ultra (Series 2)	Ports & interfaces	
Processor model *	235	USB 2.0 ports quantity *	4
Processor cores	14	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor threads	14	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor boost frequency	5 GHz	DisplayPorts quantity	1
Performance cores	6	DisplayPort version	1.4a
Efficient cores	8	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	4.4 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	3.4 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	2.9 GHz	DC-in jack	✓
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 SATA III connectors	2
Processor base power	65 W	Expansion slots	
Maximum turbo power	121 W	PCI Express x1 (Gen 3.x) slots	2
Neural processor unit (NPU)		PCI Express x16 (Gen 3.x) slots	1
Neural processor unit (NPU)	Intel AI Boost	Power	
Sparsity support	✓	Power supply *	180 W
Windows Studio effects support	✓		

Neural processor unit (NPU)		Power	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power supply input voltage	90 - 264 V
Total processor performance up to	27 TOPs	Power supply input frequency	47/63 Hz
NPU performance up to	13 TOPs	Design	
GPU performance up to	6 TOPs	Chassis type *	Slim PC
Memory		Placement supported	Horizontal/Vertical
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	Intel® vPro™ Platform Eligibility	✓
Memory slots	2x DIMM	Software	
Non-ECC	✓	Operating system architecture	64-bit
Memory channels	Single-channel	Operating system installed *	Windows 11 Pro
Memory data transfer rate	5600 MT/s	Trial software	McAfee® Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Storage		Display	
Total storage capacity *	512 GB	Display included *	✗
Storage media *	SSD	Audio	
Optical drive type *	✗	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	Operating relative humidity (H-H)	10 - 90%
NVMe	✓	Storage relative humidity (H-H)	0 - 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	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
Discrete graphics card model *	Not available	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
On-board graphics card family	Intel® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width *	95 mm
Performance		Depth *	293 mm
Market positioning	Business	Height *	303.5 mm
Trusted Platform Module (TPM)	✓	Weight *	5.89 kg
Product type *	PC	Packaging content	
Trusted Platform Module (TPM) version	2.0	Cables included	AC
Network		Sustainability	
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
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	Total carbon footprint (kg of CO2e)	163
Wi-Fi *	✓	Carbon emissions, manufacturing (kg of CO2e)	91.12
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Carbon emissions, logistics (kg of CO2e)	9.94
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Carbon emissions, energy usage (kg of CO2e)	58.52
WLAN controller manufacturer	Intel	Carbon emissions, end-of-life (kg of CO2e)	3.42
WLAN controller model	Intel Wi-Fi 6E AX211	PAIA version	GaBi version 1, 2024
Antenna type	2x2		



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