



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:
BTO105_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. 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	DisplayPort version	1.4a
Processor family *	Intel Core Ultra 5	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel Core Ultra (Series 2)	Combo headphone/mic port	✓
Processor model *	235	DC-in jack	✓
Processor cores	14	Number of rear USB ports	4
Processor threads	14	Number of front USB ports	4
Processor boost frequency	5 GHz	Number of SATA III connectors	2
Performance cores	6	Expansion slots	
Efficient cores	8	PCI Express x1 (Gen 3.x) slots	2
Performance-core Max Turbo Frequency	5 GHz	PCI Express x16 (Gen 3.x) slots	1
Efficient-core Max Turbo Frequency	4.4 GHz	Design	
Performance-core base frequency	3.4 GHz	Chassis type *	Slim PC
Efficient-core base frequency	2.9 GHz	Placement supported	Horizontal/Vertical
Processor cache	24 MB	Cable lock slot	✓
Processor cache type	Smart Cache	Cable lock slot type	Kensington
Number of processors installed	1	Product colour *	Black
Processor base power	65 W	Intel® vPro™ Platform Eligibility	✓
Maximum turbo power	121 W	Performance	
Neural processor unit (NPU)		Market positioning	Business
Neural processor unit (NPU)	Intel AI Boost	Trusted Platform Module (TPM)	✓
Sparsity support	✓	Product type *	PC
Windows Studio effects support	✓		

Neural processor unit (NPU)		Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Trusted Platform Module (TPM) version	2.0
Total processor performance up to	27 TOPs	Software	
NPU performance up to	13 TOPs	Operating system architecture	64-bit
GPU performance up to	6 TOPs	Operating system installed *	Windows 11 Pro
Memory		Trial software	No Microsoft Office License included (Fed and Premier, Exception Only)
Internal memory *	16 GB	Power	
Maximum internal memory *	64 GB	Power supply *	180 W
Internal memory type	DDR5-SDRAM	Power supply input voltage	90 - 264 V
Memory layout (slots x size)	1 x 16 GB	Power supply input frequency	47/63 Hz
Memory slots	2x DIMM	Operational conditions	
Non-ECC	✓	Operating temperature (T-T)	10 - 35 °C
Memory channels	Single-channel	Storage temperature (T-T)	-40 - 65 °C
Memory data transfer rate	5600 MT/s	Operating relative humidity (H-H)	10 - 90%
Storage		Storage relative humidity (H-H)	0 - 95%
Total storage capacity *	512 GB	Operating altitude	-15.2 - 3048 m
Storage media *	SSD	Non-operating altitude	-15.2 - 10668 m
Optical drive type *	✗	Operating vibration	0.66 G
Number of storage drives installed	1	Non-operating vibration	1.3 G
Total SSDs capacity	512 GB	Operating shock	110 G
Number of SSDs installed	1	Non-operating shock	160 G
SSD capacity	512 GB	Sustainability	
SSD interface	PCI Express	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width *	95 mm
Graphics		Depth *	293 mm
Discrete graphics card *	✗	Height *	303.5 mm
On-board graphics card *	✓	Weight *	5.89 kg
Discrete graphics card model *	Not available	Packaging content	
On-board GPU manufacturer	Intel	Cables included	AC
On-board graphics card family	Intel® Graphics	Carbon footprint	
On-board graphics card model *	Intel® Graphics	Total carbon footprint (kg of CO2e)	163
Network		Carbon emissions, manufacturing (kg of CO2e)	91.117
Ethernet LAN *	✓	Carbon emissions, logistics (kg of CO2e)	9.943
Ethernet LAN data rates	10,100,1000 Mbit/s	Carbon emissions, energy usage (kg of CO2e)	58.517
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, end-of-life (kg of CO2e)	3.42
LAN controller	Intel® I219-LM	PAIA version	GaBi version 1, 2024
Wi-Fi *	✗	Display	
Ports & interfaces		Display included *	✗
USB 2.0 ports quantity *	4	Audio	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Audio chip	Realtek ALC3204
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Audio system	High Definition Audio
HDMI ports quantity *	1	Other features	
HDMI version	2.1	Doesn't contain	PVC/BFR
DisplayPorts quantity	1		



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