



DELL Pro QCS1250 Intel Core Ultra 7 265 16 GB DDR5-SDRAM 512 GB SSD Ubuntu Linux Slim PC PC Black

Brand : DELL

Product family: Pro

Product code:
BTO108_QCS1250_EMEA_UBU

Product name : QCS1250

DELL Pro QCS1250. Processor family: Intel Core Ultra 7, Processor model: 265. 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: Ubuntu Linux. Power supply: 180 W. Chassis type: Slim PC. Product type: PC. Weight: 5.89 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	DisplayPorts quantity	1
Processor generation	Intel Core Ultra (Series 2)	DisplayPort version	1.4a
Processor model *	265	Ethernet LAN (RJ-45) ports	1
Processor cores	20	Combo headphone/mic port	✓
Processor threads	20	DC-in jack	✓
Processor boost frequency	5.3 GHz	Number of rear USB ports	4
Performance cores	8	Number of front USB ports	4
Efficient cores	12	Number of SATA III connectors	2
Performance-core Max Turbo Frequency	5.2 GHz	Expansion slots	
Efficient-core Max Turbo Frequency	4.6 GHz	PCI Express x1 (Gen 3.x) slots	2
Performance-core base frequency	2.4 GHz	PCI Express x16 (Gen 3.x) slots	1
Efficient-core base frequency	1.8 GHz	Design	
Processor cache	30 MB	Chassis type *	Slim PC
Processor cache type	Smart Cache	Placement supported	Horizontal/Vertical
Number of processors installed	1	Cable lock slot	✓
Processor base power	65 W	Cable lock slot type	Kensington
Maximum turbo power	182 W	Product colour *	Black
Neural processor unit (NPU)		Intel® vPro™ Platform Eligibility	✓
Neural processor unit (NPU)	Intel AI Boost	Performance	
Sparsity support	✓	Market positioning	Business
Windows Studio effects support	✓	Audio chip	Realtek ALC3204

Neural processor unit (NPU)		Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Audio system	High Definition Audio
Total processor performance up to	33 TOPs	Trusted Platform Module (TPM)	✓
NPU performance up to	13 TOPs	Product type *	PC
GPU performance up to	8 TOPs	Trusted Platform Module (TPM) version	2.0
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Ubuntu Linux
Maximum internal memory *	64 GB	Trial software	No Microsoft Office License included (Fed and Premier, Exception Only)
Internal memory type	DDR5-SDRAM	Power	
Memory layout (slots x size)	1 x 16 GB	Power supply *	180 W
Memory slots	2x DIMM	Power supply input voltage	90 - 264 V
Non-ECC	✓	Power supply input frequency	47/63 Hz
Memory channels	Single-channel	Operational conditions	
Memory data transfer rate	5600 MT/s	Operating temperature (T-T)	10 - 35 °C
Storage		Storage temperature (T-T)	-40 - 65 °C
Total storage capacity *	512 GB	Operating relative humidity (H-H)	10 - 90%
Storage media *	SSD	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Number of storage drives installed	1	Non-operating altitude	-15.2 - 10668 m
Total SSDs capacity	512 GB	Operating vibration	0.66 G
Number of SSDs installed	1	Non-operating vibration	1.3 G
SSD capacity	512 GB	Operating shock	110 G
SSD memory type	TLC	Non-operating shock	160 G
SSD interface	PCI Express	Sustainability	
NVMe	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
SSD form factor	M.2	Weight & dimensions	
Graphics		Width *	95 mm
Discrete graphics card *	✗	Depth *	293 mm
On-board graphics card *	✓	Height *	303.5 mm
Discrete graphics card model *	Not available	Weight *	5.89 kg
On-board GPU manufacturer	Intel	Packaging content	
On-board graphics card family	Intel® Graphics	Cables included	AC
On-board graphics card model *	Intel® Graphics	Carbon footprint	
Network		Total carbon footprint (kg of CO2e)	163
Ethernet LAN *	✓	Carbon emissions, manufacturing (kg of CO2e)	91.117
Ethernet LAN data rates	10,100,1000 Mbit/s	Carbon emissions, logistics (kg of CO2e)	9.943
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, energy usage (kg of CO2e)	58.517
LAN controller	Intel® I219-LM	Carbon emissions, end-of-life (kg of CO2e)	3.42
Wi-Fi *	✗	PAIA version	GaBi version 1, 2024
Ports & interfaces		Display	
USB 2.0 ports quantity *	4	Display included *	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Other features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Doesn't contain	PVC/BFR
HDMI ports quantity *	1		

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