



DELL Pro QCS1250 Intel® Core™ i3 i3-14100 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product family: Pro

Product code:
BT0003_QCS1250_EMEA

Product name : QCS1250

DELL Pro QCS1250. Processor family: Intel® Core™ i3, Processor model: i3-14100. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730. 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	Number of SATA III connectors	2
Processor family *	Intel® Core™ i3	Expansion slots	
Processor generation	Intel® Core™ i3 (14th gen)	PCI Express x1 (Gen 3.x) slots	2
Processor model *	i3-14100	PCI Express x16 (Gen 3.x) slots	1
Processor cores	4	Design	
Processor threads	8	Chassis type *	Slim PC
Processor boost frequency	4.7 GHz	Placement supported	Horizontal/Vertical
Performance cores	4	Cable lock slot	✓
Performance-core Max Turbo Frequency	4.7 GHz	Cable lock slot type	Kensington
Performance-core base frequency	3.5 GHz	Product colour *	Black
Processor cache	12 MB	Intel® vPro™ Platform Eligibility	✓
Processor cache type	Smart Cache	Performance	
Number of processors installed	1	Market positioning	Business
Processor base power	60 W	Trusted Platform Module (TPM)	✓
Maximum turbo power	110 W	Product type *	PC
Neural processor unit (NPU)		Trusted Platform Module (TPM) version	2.0
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Memory		Operating system architecture	64-bit
Internal memory *	8 GB	Operating system installed *	Windows 11 Pro
Maximum internal memory *	64 GB		
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	1 x 8 GB		

Memory		Software	
Memory slots	2x DIMM	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Non-ECC	✓		
Memory channels	Single-channel		
Memory data transfer rate	4800 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 *	✗	Power supply input frequency	47/63 Hz
Number of storage drives installed	1	Operational conditions	
Total SSDs capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
Number of SSDs installed	1	Storage temperature (T-T)	-40 - 65 °C
SSD capacity	512 GB	Operating relative humidity (H-H)	10 - 90%
SSD interface	PCI Express	Storage relative humidity (H-H)	0 - 95%
NVMe	✓	Operating altitude	-15.2 - 3048 m
SSD form factor	M.2	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating vibration	0.66 G
Discrete graphics card *	✗	Non-operating vibration	1.3 G
On-board graphics card *	✓	Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Sustainability	
On-board graphics card family	Intel® UHD Graphics	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
On-board graphics card model *	Intel UHD Graphics 730	Weight & dimensions	
Network		Width *	95 mm
Ethernet LAN *	✓	Depth *	293 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height *	303.5 mm
Cabling technology	10/100/1000Base-T(X)	Weight *	5.89 kg
LAN controller	Intel® I219-LM	Packaging content	
Wi-Fi *	✗	Cables included	AC
Ports & interfaces		Carbon footprint	
USB 2.0 ports quantity *	4	Total carbon footprint (kg of CO2e)	163
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Carbon emissions, manufacturing (kg of CO2e)	91.117
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Carbon emissions, logistics (kg of CO2e)	9.943
HDMI ports quantity *	1	Carbon emissions, energy usage (kg of CO2e)	58.517
HDMI version	2.1	Carbon emissions, end-of-life (kg of CO2e)	3.42
DisplayPorts quantity	1	PAIA version	GaBi version 1, 2024
DisplayPort version	1.4a	Display	
Ethernet LAN (RJ-45) ports	1	Display included *	✗
Combo headphone/mic port	✓	Audio	
DC-in jack	✓	Audio chip	Realtek ALC3204
Number of rear USB ports	4	Audio system	High Definition Audio
Number of front USB ports	4	Other features	
		Doesn't contain	PVC/BFR

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