



DELL Pro QCS1250 Intel® Core™ i3 i3-14100 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product family: Pro

Product code: 9TPC8

Product name : QCS1250

DELL Pro QCS1250. Processor family: Intel® Core™ i3, Processor model: i3-14100. Internal memory: 16 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	DisplayPort version	1.4a
Processor family *	Intel® Core™ i3	HDMI ports quantity *	1
Processor generation	Intel® Core™ i3 (14th gen)	HDMI version	2.1
Processor model *	i3-14100	Ethernet LAN (RJ-45) ports	1
Processor cores	4	Combo headphone/mic port	✓
Processor threads	8	DC-in jack	✓
Processor boost frequency	4.7 GHz	Number of rear USB ports	4
Performance cores	4	Number of front USB ports	4
Performance-core Max Turbo Frequency	4.7 GHz	Number of SATA III connectors	2
Performance-core base frequency	3.5 GHz	Expansion slots	
Processor cache	12 MB	PCI Express x1 (Gen 3.x) slots	2
Processor cache type	Smart Cache	PCI Express x16 (Gen 3.x) slots	1
Number of processors installed	1	Power	
Processor base power	60 W	Power supply *	180 W
Maximum turbo power	110 W	Power supply input voltage	90 - 264 V
Neural processor unit (NPU)		Power supply input frequency	47/63 Hz
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Design	
Memory		Chassis type *	Slim PC
Internal memory *	16 GB	Placement supported	Horizontal/Vertical
Maximum internal memory *	64 GB	Cable lock slot	✓
Internal memory type	DDR5-SDRAM	Cable lock slot type	Kensington
Memory layout (slots x size)	1 x 16 GB	Product colour *	Black

Memory		Software	
Memory slots	2x DIMM	Operating system architecture	64-bit
Non-ECC	✓	Operating system installed *	Windows 11 Pro
Memory channels	Single-channel	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Memory data transfer rate	4800 MT/s		
Storage		Display	
Total storage capacity *	512 GB	Display included *	✗
Storage media *	SSD		
Optical drive type *	✗		
Number of storage drives installed	1		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		
Graphics		Audio	
Discrete graphics card *	✗	Audio chip	Realtek ALC3204
On-board graphics card *	✓	Audio system	High Definition Audio
Discrete graphics card model *	Not available		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 730		
Performance		Operational conditions	
Market positioning	Business	Operating temperature (T-T)	10 - 35 °C
Trusted Platform Module (TPM)	✓	Storage temperature (T-T)	-40 - 65 °C
Product type *	PC	Operating relative humidity (H-H)	10 - 90%
Trusted Platform Module (TPM) version	2.0	Storage relative humidity (H-H)	0 - 95%
Network		Operating altitude	-15.2 - 3048 m
Ethernet LAN *	✓	Non-operating altitude	-15.2 - 10668 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating vibration	0.66 G
Cabling technology	10/100/1000Base-T(X)	Non-operating vibration	1.3 G
LAN controller	Intel® I219-LM	Operating shock	110 G
Wi-Fi *	✗	Non-operating shock	160 G
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	4	Width *	95 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth *	293 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Height *	303.5 mm
DisplayPorts quantity	1	Weight *	5.89 kg
		Packaging content	
		Cables included	AC
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
		Doesn't contain	PVC/BFR
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	163
		Carbon emissions, manufacturing (kg of CO2e)	91.117
		Carbon emissions, logistics (kg of CO2e)	9.943
		Carbon emissions, energy usage (kg of CO2e)	58.517
		Carbon emissions, end-of-life (kg of CO2e)	3.42
		PAIA version	GaBi version 1, 2024



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