



DELL Pro QCS1250 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product family: Pro

Product code: 1N5GV

Product name : QCS1250

DELL Pro QCS1250. Processor family: Intel® Core™ i7, Processor model: i7-14700. 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 770. 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		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	Intel® Core™ i7 (14th gen)	HDMI ports quantity *	1
Processor model *	i7-14700	HDMI version	2.1
Processor cores	20	DisplayPorts quantity	1
Processor threads	28	DisplayPort version	1.4a
Processor boost frequency	5.4 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	Combo headphone/mic port	✓
Efficient cores	12	DC-in jack	✓
Performance-core Max Turbo Frequency	5.3 GHz	Number of rear USB ports	4
Efficient-core Max Turbo Frequency	4.2 GHz	Number of front USB ports	4
Performance-core base frequency	2.1 GHz	Number of SATA III connectors	2
Efficient-core base frequency	1.5 GHz	Expansion slots	
Processor cache	33 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	Design	
Processor base power	65 W	Chassis type *	Slim PC
Maximum turbo power	219 W	Placement supported	Horizontal/Vertical
Neural processor unit (NPU)		Cable lock slot	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Cable lock slot type	Kensington
Memory		Product colour *	Black
Internal memory *	16 GB		

Memory		Design	
Maximum internal memory *	64 GB	Intel® vPro™ Platform Eligibility	✓
Internal memory type	DDR5-SDRAM	Performance	
Memory layout (slots x size)	1 x 16 GB	Market positioning	Business
Memory slots	2x DIMM	Audio chip	Realtek ALC3204
Non-ECC	✓	Audio system	High Definition Audio
Memory channels	Single-channel	Trusted Platform Module (TPM)	✓
Memory data transfer rate	5600 MT/s	Product type *	PC
Storage		Trusted Platform Module (TPM) version	2.0
Total storage capacity *	512 GB	Software	
Storage media *	SSD	Operating system architecture	64-bit
Optical drive type *	✗	Operating system installed *	Windows 11 Pro
Number of storage drives installed	1	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	Power supply *	180 W
SSD capacity	512 GB	Power supply input voltage	90 - 264 V
SSD memory type	TLC	Power supply input frequency	47/63 Hz
SSD interface	PCI Express	Operational conditions	
NVMe	✓	Operating temperature (T-T)	10 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
On-board graphics card family	Intel® UHD Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel UHD Graphics 770	Operating shock	110 G
Network		Non-operating shock	160 G
Ethernet LAN *	✓	Sustainability	
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Cabling technology	10/100/1000Base-T(X)	Doesn't contain	PVC/BFR
LAN controller	Intel® I219-LM	Weight & dimensions	
Wi-Fi *	✓	Width *	95 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Depth *	293 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Height *	303.5 mm
WLAN controller manufacturer	Intel	Weight *	5.89 kg
WLAN controller model	Intel Wi-Fi 6E AX211	Packaging content	
Antenna type	2x2	Cables included	AC
Antenna design	Internal	Display	
Bluetooth	✓	Display included *	✗
Ports & interfaces			
USB 2.0 ports quantity *	4		



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