![DELL]

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:** 56TWD

Product name : QCS1250

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 235 (24MB Cache)
- 16GB DDR5-SDRAM & 512GB SSD
Intel Core Ultra 5 235 (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Graphics, LAN, Windows 11 Pro 64-bit

DELL Pro QCS1250 Intel Core Ultra 5 235 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black:

Space-saving desktops, featuring class-leading security and manageability solutions.
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

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel Core Ultra (Series 2)
Processor model *	235
Processor cores	14
Processor threads	14
Processor boost frequency	5 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	4.4 GHz
Performance-core base frequency	3.4 GHz
Efficient-core base frequency	2.9 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	65 W
Maximum turbo power	121 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
DC-in jack	✔
Number of rear USB ports	4
Number of front USB ports	4
Number of SATA III connectors	2

Expansion slots

PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	1

Design

Chassis type *	Slim PC
Placement supported	Horizontal/Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Neural processor unit (NPU)

AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	27 TOPs
NPU performance up to	13 TOPs
GPU performance up to	6 TOPs

Memory

Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory slots	2x DIMM
Non-ECC	✔
Memory data transfer rate	5600 MT/s

Storage

Total storage capacity *	512 GB
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 memory type	TLC
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel Graphics
On-board graphics card model *	Intel Graphics

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
LAN controller	Intel® I219-LM
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	4

Performance

Market positioning	Business
Audio chip	Realtek ALC3204
Audio system	High Definition Audio
Trusted Platform Module (TPM)	✔
Product type *	PC
Trusted Platform Module (TPM) version	2.0

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Power

Power supply *	180 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.66 G
Non-operating vibration	1.3 G
Operating shock	110 G
Non-operating shock	160 G

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Doesn't contain	PVC/BFR

Weight & dimensions

Width *	95 mm
Depth *	293 mm
Height *	303.5 mm
Weight *	5.89 kg

Packaging content

Mouse included	✔
Mouse connectivity	Wired
Keyboard included	✔
Keyboard connectivity	Wired
Cables included	AC

Display

Display included *	✘

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Catalog Object Cloud