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



Brand : DELL

Product code: 01D2H

Product name : QCS1250

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 235 (24MB Cache)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

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

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Dell Pro Slim: A compact PC with a sleek design and enhanced thermals with Intel® Core™ (14th Gen) processors or upgrade to Intel® Core™ Ultra (Series 2) processors for enhanced AI performance. DELL 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. 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
Efficient-core Max Turbo Frequency	4.4 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor socket	LGA 1851 (Socket V1)
Processor base power	65 W
Maximum turbo power	121 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Total processor performance up to	27 TOPs
NPU performance up to	13 TOPs
GPU performance up to	6 TOPs

Memory	
Internal memory *	16 GB

Ports & interfaces	
DisplayPorts quantity	1
DisplayPort version	1.4a
HDMI ports quantity *	1
HDMI version	2.1
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
Number of SATA III connectors	2

Expansion slots	
PCI Express x16 (Gen 3.x) slots	1

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

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

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

Memory	
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	1 x 16 GB
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 *	✕
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB

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

Performance	
Market positioning	Business
Trusted Platform Module (TPM)	✔
Product type *	PC
Trusted Platform Module (TPM) version	2.0

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
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

Software	
Trial software	Activate Your Microsoft 365 For A 30 Day Trial

Display	
Display included *	✕

Audio	
Audio chip	Realtek ALC3204
Audio system	High Definition Audio

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

Weight & dimensions	
Width *	95 mm
Depth *	293 mm
Height *	303.5 mm

Packaging content	
Cables included	AC

Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold

Carbon footprint	
Total carbon footprint (kg of CO2e)	163
Carbon emissions, manufacturing (kg of CO2e)	91.12
Carbon emissions, logistics (kg of CO2e)	9.94
Carbon emissions, energy usage (kg of CO2e)	58.52
Carbon emissions, end-of-life (kg of CO2e)	3.42
PAIA version	GaBi version 1, 2024

Other features	
Special features	Intrusion cable switch

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