



DELL Pro QCM1250 Intel® Core™ i5 i5-14500T 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code: 20PN3

Product name : QCM1250

- Windows 11 Pro 64-bit
- Intel Core i5-14500T (24MB Cache)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
- Intel Core i5-14500T (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit



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Ultracompact desktops designed to maximise efficiency and productivity in small workspaces. DELL Pro QCM1250. Processor family: Intel® Core™ i5, Processor model: i5-14500T. 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: 90 W. Chassis type: Micro PC. Product type: Mini PC. Weight: 1.16 kg. Product colour: Black

| Processor | | Network | |
|---|--|---|--|
| Processor manufacturer * | Intel | Antenna design | Internal |
| Processor family * | Intel® Core™ i5 | Bluetooth | ✓ |
| Processor generation | Intel® Core™ i5 (14th gen) | Ports & interfaces | |
| Processor model * | i5-14500T | USB 2.0 ports quantity * | 2 |
| Processor cores | 14 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 |
| Processor threads | 20 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Processor boost frequency | 4.8 GHz | DisplayPorts quantity | 1 |
| Performance cores | 6 | DisplayPort version | 1.4a |
| Efficient cores | 8 | HDMI ports quantity * | 1 |
| Performance-core Max Turbo Frequency | 4.8 GHz | HDMI version | 2.1 |
| Efficient-core Max Turbo Frequency | 3.4 GHz | Ethernet LAN (RJ-45) ports | 1 |
| Performance-core base frequency | 1.7 GHz | Combo headphone/mic port | ✓ |
| Efficient-core base frequency | 1.2 GHz | DC-in jack | ✓ |
| Processor cache | 24 MB | Number of rear USB ports | 4 |
| Processor cache type | Smart Cache | Number of front USB ports | 2 |
| Number of processors installed | 1 | Number of front audio ports | 1 |
| Processor base power | 35 W | Power | |
| Maximum turbo power | 92 W | Power supply * | 90 W |
| Neural processor unit (NPU) | | Power supply input voltage | 100 - 240 V |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Power supply input frequency | 50 / 60 Hz |
| Memory | | Design | |
| Internal memory * | 16 GB | Chassis type * | Micro PC |
| Maximum internal memory * | 64 GB | Placement supported | Horizontal/Vertical |
| Internal memory type | DDR5-SDRAM | Cable lock slot | ✓ |
| Memory layout (slots x size) | 1 x 16 GB | Cable lock slot type | Kensington |
| Memory slots | 2x SO-DIMM | Product colour * | Black |
| Non-ECC | ✓ | Software | |
| Memory channels | Single-channel | Operating system architecture | 64-bit |
| Memory data transfer rate | 4800 MT/s | Operating system installed * | Windows 11 Pro |
| Storage | | Trial software | Activate Your Microsoft 365 For A 30 Day Trial |
| Total storage capacity * | 512 GB | | |
| Storage media * | SSD | | |

| Storage | | Display | |
|---------------------------------------|---|--|---|
| Optical drive type * | ✗ | Display included * | ✗ |
| Number of storage drives installed | 1 | Audio | |
| Total SSDs capacity | 512 GB | Audio chip | Realtek ALC3204 |
| Number of SSDs installed | 1 | Audio system | High Definition Audio |
| SSD capacity | 512 GB | Operational conditions | |
| SSD interface | PCI Express 4.0 | Operating temperature (T-T) | 10 - 35 °C |
| NVMe | ✓ | Storage temperature (T-T) | -40 - 65 °C |
| SSD form factor | M.2 | Operating relative humidity (H-H) | 20 - 80% |
| Graphics | | Storage relative humidity (H-H) | 5 - 95% |
| Discrete graphics card * | ✗ | Operating altitude | -15.2 - 3048 m |
| On-board graphics card * | ✓ | Non-operating altitude | -15.2 - 10668 m |
| Discrete graphics card model * | Not available | Operating vibration | 0.26 G |
| On-board GPU manufacturer | Intel | Non-operating vibration | 1.37 G |
| On-board graphics card family | Intel® UHD Graphics | Operating shock | 40 G |
| On-board graphics card model * | Intel UHD Graphics 770 | Non-operating shock | 105 G |
| Performance | | Weight & dimensions | |
| Market positioning | Business | Width * | 36 mm |
| Motherboard chipset | Intel® Q870 | Depth * | 178 mm |
| Trusted Platform Module (TPM) | ✓ | Height * | 182 mm |
| Product type * | Mini PC | Weight * | 1.16 kg |
| Trusted Platform Module (TPM) version | 2.0 | Packaging content | |
| Network | | Mouse included on selected markets | Dell Optical Mouse-MS116 - Black |
| Ethernet LAN * | ✓ | Keyboard included on selected markets | Dell Wired Keyboard - KB216 - UK (QWERTY) - Black |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Sustainability | |
| Cabling technology | 10/100/1000Base-T(X) | Sustainability certificates | ENERGY STAR, EPEAT Climate +, EPEAT Gold |
| LAN controller | Intel WGI219LM | Carbon footprint | |
| Wi-Fi * | ✓ | Total carbon footprint (kg of CO2e) | 77.6 |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) | Carbon emissions, manufacturing (kg of CO2e) | 41.52 |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) | Carbon emissions, logistics (kg of CO2e) | 2.17 |
| WLAN controller manufacturer | Intel | Carbon emissions, energy usage (kg of CO2e) | 33.45 |
| WLAN controller model | Intel Wi-Fi 6E AX211 | Carbon emissions, end-of-life (kg of CO2e) | 0.54 |
| Antenna type | 2x2 | PAIA version | GaBi version 1, 2024 |



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