



## DELL Pro QCT1250 Intel Core Ultra 5 235 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

**Brand :** DELL

**Product family:** Pro

**Product code:** NRWT8

**Product name :** QCT1250

- 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, DVD±RW, Intel Graphics, LAN, Windows 11 Pro 64-bit

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Expandable desktops built to maximize productivity, featuring class-leading security and manageability solutions.

DELL Pro QCT1250. 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, Optical drive type: DVD±RW. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Tower. Product type: PC. 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 Ultra 5          | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1          |
| Processor generation                 | Intel Core Ultra (Series 2) | DisplayPorts quantity                             | 1          |
| Processor model *                    | 235                         | DisplayPort version                               | 1.4a       |
| Processor cores                      | 14                          | HDMI ports quantity *                             | 1          |
| Processor threads                    | 14                          | HDMI version                                      | 2.1        |
| Processor boost frequency            | 5 GHz                       | Ethernet LAN (RJ-45) ports                        | 1          |
| Performance cores                    | 6                           | Combo headphone/mic port                          | ✓          |
| Efficient cores                      | 8                           | Number of rear USB ports                          | 4          |
| Performance-core Max Turbo Frequency | 5 GHz                       | Number of front USB ports                         | 4          |
| Efficient-core Max Turbo Frequency   | 4.4 GHz                     | Number of front audio ports                       | 1          |
| Performance-core base frequency      | 3.4 GHz                     | Number of SATA III connectors                     | 2          |
| Efficient-core base frequency        | 2.9 GHz                     | Expansion slots                                   |            |
| Processor cache                      | 24 MB                       | PCI Express x1 slots                              | 2          |
| Processor cache type                 | Smart Cache                 | PCI Express x16 slots                             | 1          |
| Number of processors installed       | 1                           | Power                                             |            |
| Processor base power                 | 65 W                        | Power supply *                                    | 180 W      |
| Maximum turbo power                  | 121 W                       | Power supply input voltage                        | 90 - 264 V |
| Neural processor unit (NPU)          |                             | Power supply input frequency                      | 47/63 Hz   |
| Neural processor unit (NPU)          | Intel AI Boost              | Design                                            |            |
| Sparsity support                     | ✓                           | Chassis type *                                    | Tower      |
| Windows Studio effects support       | ✓                           |                                                   |            |

| Neural processor unit (NPU)             |                                                | Design                                       |                                                |
|-----------------------------------------|------------------------------------------------|----------------------------------------------|------------------------------------------------|
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Placement supported                          | Vertical                                       |
| Total processor performance up to       | 27 TOPs                                        | Cable lock slot                              | ✓                                              |
| NPU performance up to                   | 13 TOPs                                        | Cable lock slot type                         | Kensington                                     |
| GPU performance up to                   | 6 TOPs                                         | Product colour *                             | Black                                          |
| Memory                                  |                                                | Software                                     |                                                |
| Internal memory *                       | 16 GB                                          | Operating system architecture                | 64-bit                                         |
| Maximum internal memory *               | 64 GB                                          | Operating system installed *                 | Windows 11 Pro                                 |
| Internal memory type                    | DDR5-SDRAM                                     | Trial software                               | Activate Your Microsoft 365 For A 30 Day Trial |
| Memory layout (slots x size)            | 1 x 16 GB                                      | Bundled software                             | CyberLink Media Suite Essentials for Windows   |
| Memory slots                            | 2x DIMM                                        |                                              |                                                |
| Non-ECC                                 | ✓                                              |                                              |                                                |
| Memory data transfer rate               | 5600 MT/s                                      |                                              |                                                |
| Storage                                 |                                                | Display                                      |                                                |
| Total storage capacity *                | 512 GB                                         | Display included *                           | ✗                                              |
| Storage media *                         | SSD                                            |                                              |                                                |
| Optical drive type *                    | DVD±RW                                         |                                              |                                                |
| Total SSDs capacity                     | 512 GB                                         |                                              |                                                |
| Number of SSDs installed                | 1                                              |                                              |                                                |
| SSD capacity                            | 512 GB                                         |                                              |                                                |
| 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® Graphics                                |                                              |                                                |
| On-board graphics card model *          | Intel® Graphics                                |                                              |                                                |
| 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)            | 20 - 80%                                       |
| Trusted Platform Module (TPM) version   | 2.0                                            | Storage relative humidity (H-H)              | 5 - 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                          | 0.26 G                                         |
| Cabling technology                      | 10/100/1000Base-T(X)                           | Non-operating vibration                      | 1.37 G                                         |
| LAN controller                          | Intel® I219-LM                                 | Operating shock                              | 40 G                                           |
| Wi-Fi *                                 | ✗                                              | Non-operating shock                          | 105 G                                          |
| Ports & interfaces                      |                                                | Weight & dimensions                          |                                                |
| USB 2.0 ports quantity *                | 4                                              | Width *                                      | 154 mm                                         |
|                                         |                                                | Depth *                                      | 293 mm                                         |
|                                         |                                                | Height *                                     | 324.3 mm                                       |
|                                         |                                                | 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)          | 166                                            |
|                                         |                                                | Carbon emissions, manufacturing (kg of CO2e) | 103.75                                         |
|                                         |                                                | Carbon emissions, logistics (kg of CO2e)     | 10.13                                          |
|                                         |                                                | Carbon emissions, energy usage (kg of CO2e)  | 45.65                                          |
|                                         |                                                | Carbon emissions, end-of-life (kg of CO2e)   | 6.31                                           |
|                                         |                                                | PAIA version                                 | GaBi version 1, 2024                           |
|                                         |                                                | Other features                               |                                                |
|                                         |                                                | Special features                             | Chassis intrusion switch                       |



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### Catalog Object Cloud



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