



## DELL Pro QCT1250 Intel Core Ultra 7 265 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

**Brand :** DELL

**Product family:** Pro

**Product code:** JF8KM

**Product name :** QCT1250

DELL Pro QCT1250. Processor family: Intel Core Ultra 7, Processor model: 265. 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. Weight: 6.78 kg. Product colour: Black



| Processor                            |                             | Ports & interfaces                |            |
|--------------------------------------|-----------------------------|-----------------------------------|------------|
| Processor manufacturer *             | Intel                       | HDMI ports quantity *             | 1          |
| Processor family *                   | Intel Core Ultra 7          | HDMI version                      | 2.1        |
| Processor generation                 | Intel Core Ultra (Series 2) | DisplayPorts quantity             | 1          |
| Processor model *                    | 265                         | DisplayPort version               | 1.4a       |
| Processor cores                      | 20                          | Ethernet LAN (RJ-45) ports        | 1          |
| Processor threads                    | 20                          | Combo headphone/mic port          | ✓          |
| Processor boost frequency            | 5.3 GHz                     | Number of SATA III connectors     | 2          |
| Performance cores                    | 8                           | Expansion slots                   |            |
| Efficient cores                      | 12                          | PCI Express x1 slots              | 2          |
| Performance-core Max Turbo Frequency | 5.2 GHz                     | PCI Express x16 slots             | 1          |
| Efficient-core Max Turbo Frequency   | 4.6 GHz                     | Design                            |            |
| Performance-core base frequency      | 2.4 GHz                     | Chassis type *                    | Tower      |
| Efficient-core base frequency        | 1.8 GHz                     | Placement supported               | Vertical   |
| Processor cache                      | 30 MB                       | Cable lock slot                   | ✓          |
| Processor cache type                 | Smart Cache                 | Cable lock slot type              | Kensington |
| Number of processors installed       | 1                           | Product colour *                  | Black      |
| Processor base power                 | 65 W                        | Intel® vPro™ Platform Eligibility | ✓          |
| Maximum turbo power                  | 182 W                       | Performance                       |            |
| Neural processor unit (NPU)          |                             | Motherboard chipset               | Intel Q670 |
| Neural processor unit (NPU)          | Intel AI Boost              | Trusted Platform Module (TPM)     | ✓          |
| Sparsity support                     | ✓                           | Product type *                    | PC         |
| Windows Studio effects support       | ✓                           |                                   |            |

| Neural processor unit (NPU)                       |                                                | Performance                                  |                                                |
|---------------------------------------------------|------------------------------------------------|----------------------------------------------|------------------------------------------------|
| AI software frameworks supported by NPU           | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Trusted Platform Module (TPM) version        | 2.0                                            |
| Total processor performance up to                 | 33 TOPs                                        | <b>Software</b>                              |                                                |
| NPU performance up to                             | 13 TOPs                                        | Operating system architecture                | 64-bit                                         |
| GPU performance up to                             | 8 TOPs                                         | Operating system installed *                 | Windows 11 Pro                                 |
| Memory                                            |                                                | Trial software                               | Activate Your Microsoft 365 For A 30 Day Trial |
| Internal memory *                                 | 16 GB                                          | <b>Power</b>                                 |                                                |
| Maximum internal memory *                         | 64 GB                                          | Power supply *                               | 180 W                                          |
| Internal memory type                              | DDR5-SDRAM                                     | Power supply input voltage                   | 90 - 264 V                                     |
| Memory layout (slots x size)                      | 1 x 16 GB                                      | Power supply input frequency                 | 47/63 Hz                                       |
| Memory slots                                      | 2x DIMM                                        | 80 PLUS certification                        | 80 PLUS Bronze                                 |
| Non-ECC                                           | ✓                                              | <b>Operational conditions</b>                |                                                |
| Memory channels                                   | Single-channel                                 | Operating temperature (T-T)                  | 10 - 35 °C                                     |
| Memory data transfer rate                         | 5600 MT/s                                      | Storage temperature (T-T)                    | -40 - 65 °C                                    |
| Storage                                           |                                                | Operating relative humidity (H-H)            | 20 - 80%                                       |
| Total storage capacity *                          | 512 GB                                         | Storage relative humidity (H-H)              | 5 - 95%                                        |
| Storage media *                                   | SSD                                            | Operating altitude                           | -15.2 - 3048 m                                 |
| Optical drive type *                              | DVD±RW                                         | Non-operating altitude                       | -15.2 - 10668 m                                |
| Number of storage drives installed                | 1                                              | Operating vibration                          | 0.26 G                                         |
| Total SSDs capacity                               | 512 GB                                         | Non-operating vibration                      | 1.37 G                                         |
| Number of SSDs installed                          | 1                                              | Operating shock                              | 40 G                                           |
| SSD capacity                                      | 512 GB                                         | Non-operating shock                          | 105 G                                          |
| SSD memory type                                   | TLC                                            | <b>Sustainability</b>                        |                                                |
| Graphics                                          |                                                | Sustainability certificates                  | EPEAT Silver                                   |
| Discrete graphics card *                          | ✗                                              | <b>Weight &amp; dimensions</b>               |                                                |
| On-board graphics card *                          | ✓                                              | Width *                                      | 154 mm                                         |
| Discrete graphics card model *                    | Not available                                  | Depth *                                      | 293 mm                                         |
| On-board GPU manufacturer                         | Intel                                          | Height *                                     | 324.3 mm                                       |
| On-board graphics card family                     | Intel® Graphics                                | Weight *                                     | 6.78 kg                                        |
| On-board graphics card model *                    | Intel® Graphics                                | <b>Packaging content</b>                     |                                                |
| Network                                           |                                                | Cables included                              | AC                                             |
| Ethernet LAN *                                    | ✓                                              | <b>Carbon footprint</b>                      |                                                |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s                             | Total carbon footprint (kg of CO2e)          | 166                                            |
| Cabling technology                                | 10/100/1000Base-T(X)                           | Carbon emissions, manufacturing (kg of CO2e) | 103.75                                         |
| LAN controller                                    | Intel® I219-LM                                 | Carbon emissions, logistics (kg of CO2e)     | 10.126                                         |
| Wi-Fi *                                           | ✗                                              | Carbon emissions, energy usage (kg of CO2e)  | 45.65                                          |
| Ports & interfaces                                |                                                | Carbon emissions, end-of-life (kg of CO2e)   | 6.31                                           |
| USB 2.0 ports quantity *                          | 4                                              | PAIA version                                 | GaBi version 1, 2024                           |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3                                              | <b>Display</b>                               |                                                |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                                              | Display included *                           | ✗                                              |
| PowerShare                                        | ✓                                              | <b>Audio</b>                                 |                                                |
| Number of USB ports with PowerShare support       | 2                                              | Audio chip                                   | Realtek ALC3204                                |
|                                                   |                                                | Audio system                                 | High Definition Audio                          |
|                                                   |                                                | <b>Other features</b>                        |                                                |
|                                                   |                                                | Doesn't contain                              | PVC/BFR                                        |



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