



## DELL Pro QCT1250 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

**Brand :** DELL

**Product family:** Pro

**Product code:**  
BT0012\_QCT1250\_EMEA

**Product name :** QCT1250

DELL Pro QCT1250. Processor family: Intel® Core™ i7, Processor model: i7-14700. 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. 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                      | HDMI ports quantity *         | 1               |
| Processor family *                   | Intel® Core™ i7            | HDMI version                  | 2.1             |
| Processor generation                 | Intel® Core™ i7 (14th gen) | DisplayPorts quantity         | 1               |
| Processor model *                    | i7-14700                   | DisplayPort version           | 1.4a            |
| Processor cores                      | 20                         | Ethernet LAN (RJ-45) ports    | 1               |
| Processor threads                    | 28                         | Combo headphone/mic port      | ✓               |
| Processor boost frequency            | 5.4 GHz                    | Number of rear USB ports      | 4               |
| Performance cores                    | 8                          | Number of front USB ports     | 4               |
| Efficient cores                      | 12                         | Number of front audio ports   | 1               |
| Performance-core Max Turbo Frequency | 5.3 GHz                    | Number of SATA III connectors | 2               |
| Efficient-core Max Turbo Frequency   | 4.2 GHz                    | Expansion slots               |                 |
| Performance-core base frequency      | 2.1 GHz                    | PCI Express x1 slots          | 2               |
| Efficient-core base frequency        | 1.5 GHz                    | PCI Express x16 slots         | 1               |
| Processor cache                      | 33 MB                      | Design                        |                 |
| Processor cache type                 | Smart Cache                | Chassis type *                | Tower           |
| Number of processors installed       | 1                          | Placement supported           | Vertical        |
| Processor base power                 | 65 W                       | Cable lock slot               | ✓               |
| Maximum turbo power                  | 219 W                      | Cable lock slot type          | Kensington      |
|                                      |                            | Product colour *              | Black           |
| Memory                               |                            | Performance                   |                 |
| Internal memory *                    | 16 GB                      | Market positioning            | Business        |
| Maximum internal memory *            | 64 GB                      | Audio chip                    | Realtek ALC3204 |
| Internal memory type                 | DDR5-SDRAM                 |                               |                 |
| Memory layout (slots x size)         | 1 x 16 GB                  |                               |                 |

| Memory                                            |                        | Performance                           |                                                           |
|---------------------------------------------------|------------------------|---------------------------------------|-----------------------------------------------------------|
| Memory slots                                      | 2x DIMM                | Audio system                          | High Definition Audio                                     |
| Memory data transfer rate                         | 5600 MT/s              | Trusted Platform Module (TPM)         | ✓                                                         |
| Storage                                           |                        | Product type *                        | PC                                                        |
| Total storage capacity *                          | 512 GB                 | Trusted Platform Module (TPM) version | 2.0                                                       |
| Storage media *                                   | SSD                    | Software                              |                                                           |
| Optical drive type *                              | ✗                      | Operating system architecture         | 64-bit                                                    |
| Total SSDs capacity                               | 512 GB                 | Operating system installed *          | Windows 11 Pro                                            |
| Number of SSDs installed                          | 1                      | Trial software                        | McAfee Business Protection 1-year, Microsoft Office Trial |
| SSD capacity                                      | 512 GB                 | Power                                 |                                                           |
| SSD memory type                                   | TLC                    | Power supply *                        | 180 W                                                     |
| SSD interface                                     | PCI Express 4.0        | Power supply input voltage            | 90 - 264 V                                                |
| NVMe                                              | ✓                      | Power supply input frequency          | 47/63 Hz                                                  |
| SSD form factor                                   | M.2                    | Operational conditions                |                                                           |
| Graphics                                          |                        | Operating temperature (T-T)           | 10 - 35 °C                                                |
| Discrete graphics card *                          | ✗                      | Storage temperature (T-T)             | -40 - 65 °C                                               |
| On-board graphics card *                          | ✓                      | Operating relative humidity (H-H)     | 20 - 80%                                                  |
| Discrete graphics card model *                    | Not available          | Storage relative humidity (H-H)       | 5 - 95%                                                   |
| On-board GPU manufacturer                         | Intel                  | Operating altitude                    | -15.2 - 3048 m                                            |
| On-board graphics card family                     | Intel® UHD Graphics    | Non-operating altitude                | -15.2 - 10668 m                                           |
| On-board graphics card model *                    | Intel UHD Graphics 770 | Operating vibration                   | 0.26 G                                                    |
| Network                                           |                        | Non-operating vibration               | 1.37 G                                                    |
| Ethernet LAN *                                    | ✓                      | Operating shock                       | 40 G                                                      |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s     | Non-operating shock                   | 105 G                                                     |
| Cabling technology                                | 10/100/1000Base-T(X)   | Sustainability                        |                                                           |
| LAN controller                                    | Intel® I219-LM         | Sustainability certificates           | ENERGY STAR, EPEAT Climate +, EPEAT Gold                  |
| Wi-Fi *                                           | ✗                      | Doesn't contain                       | PVC/BFR                                                   |
| Ports & interfaces                                |                        | Weight & dimensions                   |                                                           |
| USB 2.0 ports quantity *                          | 4                      | Width *                               | 154 mm                                                    |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3                      | Depth *                               | 293 mm                                                    |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                      | Height *                              | 324.3 mm                                                  |
|                                                   |                        | Packaging content                     |                                                           |
|                                                   |                        | Cables included                       | AC                                                        |
|                                                   |                        | Display                               |                                                           |
|                                                   |                        | Display included *                    | ✗                                                         |

## Catalog Object Cloud



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