



## DELL Pro QCT1255 AMD Ryzen™ 7 PRO PRO 8700G 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

**Brand :** DELL

**Product family:** Pro

**Product code:** 0V222

**Product name :** QCT1255

- Windows 11 Pro 64-bit  
- AMD Ryzen 7 PRO 8700G (16MB Cache, 4.2GHz)  
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD  
AMD Ryzen 7 PRO 8700G (16MB Cache, 4.2GHz), 16GB DDR5-SDRAM, 512GB SSD, AMD Radeon 780M, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

DELL Pro QCT1255 AMD Ryzen™ 7 PRO PRO 8700G 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black:

### Your productivity powerhouse with exceptional security.

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DELL Pro QCT1255. Processor frequency: 4.2 GHz, Processor family: AMD Ryzen™ 7 PRO, Processor model: PRO 8700G. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Tower. Product type: PC. Weight: 6.76 kg. Product colour: Black



| Processor                      |                           | Ports & interfaces                          |                     |
|--------------------------------|---------------------------|---------------------------------------------|---------------------|
| Processor manufacturer *       | AMD                       | PowerShare                                  | ✓                   |
| Processor family *             | AMD Ryzen™ 7 PRO          | Number of USB ports with PowerShare support | 2                   |
| Processor generation           | AMD Ryzen PRO 8000 Series | DisplayPorts quantity                       | 1                   |
| Processor model *              | PRO 8700G                 | DisplayPort version                         | 1.4a                |
| Processor cores                | 8                         | HDMI ports quantity *                       | 1                   |
| Processor threads              | 16                        | HDMI version                                | 2.1                 |
| Processor boost frequency      | 5.1 GHz                   | Ethernet LAN (RJ-45) ports                  | 1                   |
| Processor frequency *          | 4.2 GHz                   | Combo headphone/mic port                    | ✓                   |
| Processor cache                | 16 MB                     | <b>Power</b>                                |                     |
| Processor cache type           | L3                        | Power supply *                              | 180 W               |
| Number of processors installed | 1                         | Power supply input voltage                  | 90 - 264 V          |
| Processor base power           | 65 W                      | Power supply input frequency                | 47/63 Hz            |
| Neural processor unit (NPU)    |                           | <b>Design</b>                               |                     |
| Neural processor unit (NPU)    | AMD Ryzen AI              | Chassis type *                              | Tower               |
| NPU performance up to          | 16 TOPs                   | Placement supported                         | Horizontal/Vertical |
| Memory                         |                           | Cable lock slot                             | ✓                   |
| Internal memory *              | 16 GB                     | Cable lock slot type                        | Kensington          |
| Maximum internal memory *      | 64 GB                     | Product colour *                            | Black               |
| Internal memory type           | DDR5-SDRAM                | <b>Software</b>                             |                     |
| Memory layout (slots x size)   | 1 x 16 GB                 | Operating system architecture               | 64-bit              |
| Memory slots                   | 2x DIMM                   | Operating system installed *                | Windows 11 Pro      |
| Non-ECC                        | ✓                         |                                             |                     |
| Memory data transfer rate      | 4800 MT/s                 |                                             |                     |

| Storage                                           |                      | Software                                     |                                                |
|---------------------------------------------------|----------------------|----------------------------------------------|------------------------------------------------|
| Total storage capacity *                          | 512 GB               | Trial software                               | Activate Your Microsoft 365 For A 30 Day Trial |
| 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                         | AMD                  |                                              |                                                |
| On-board graphics card family                     | AMD Radeon           |                                              |                                                |
| On-board graphics card model *                    | AMD Radeon 780M      |                                              |                                                |
| Performance                                       |                      |                                              |                                                |
| 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) |                                              |                                                |
| Wi-Fi *                                           | ✓                    |                                              |                                                |
| Top Wi-Fi standard                                | Wi-Fi 6 (802.11ax)   |                                              |                                                |
| Wi-Fi standards                                   | Wi-Fi 6 (802.11ax)   |                                              |                                                |
| WLAN controller manufacturer                      | MediaTek             |                                              |                                                |
| WLAN controller model                             | MediaTek MT7925      |                                              |                                                |
| Antenna type                                      | 2x2                  |                                              |                                                |
| Antenna design                                    | Internal             |                                              |                                                |
| Bluetooth                                         | ✓                    |                                              |                                                |
| MU-MIMO                                           | ✓                    |                                              |                                                |
| 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                    |                                              |                                                |
|                                                   |                      | 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)            | 20 - 80%                                       |
|                                                   |                      | Storage relative humidity (H-H)              | 5 - 95%                                        |
|                                                   |                      | Operating altitude                           | -15.2 - 3048 m                                 |
|                                                   |                      | Non-operating altitude                       | -15.2 - 10668 m                                |
|                                                   |                      | Operating vibration                          | 0.26 G                                         |
|                                                   |                      | Non-operating vibration                      | 1.37 G                                         |
|                                                   |                      | Operating shock                              | 40 G                                           |
|                                                   |                      | Non-operating shock                          | 105 G                                          |
|                                                   |                      | Weight & dimensions                          |                                                |
|                                                   |                      | Width *                                      | 154 mm                                         |
|                                                   |                      | Depth *                                      | 293 mm                                         |
|                                                   |                      | Height *                                     | 324.3 mm                                       |
|                                                   |                      | Weight *                                     | 6.76 kg                                        |
|                                                   |                      | Packaging content                            |                                                |
|                                                   |                      | Cables included                              | AC                                             |
|                                                   |                      | Box contents                                 | Chassis intrusion switch                       |
|                                                   |                      | Sustainability                               |                                                |
|                                                   |                      | Doesn't contain                              | PVC/BFR                                        |
|                                                   |                      | Carbon footprint                             |                                                |
|                                                   |                      | Total carbon footprint (kg of CO2e)          | 196                                            |
|                                                   |                      | Carbon emissions, manufacturing (kg of CO2e) | 106.82                                         |
|                                                   |                      | Carbon emissions, logistics (kg of CO2e)     | 12.74                                          |
|                                                   |                      | Carbon emissions, energy usage (kg of CO2e)  | 68.6                                           |
|                                                   |                      | Carbon emissions, end-of-life (kg of CO2e)   | 7.84                                           |
|                                                   |                      | PAIA version                                 | GaBi version 1, 2024                           |



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### Catalog Object Cloud



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