



# DELL Precision 3280 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T1000 Windows 11 Pro CFF PC Black



**Brand :** DELL

**Product family:** Precision

**Product code:** D8W9H

**Product name :** 3280

- Windows 11 Pro 64-bit
- Intel Core i7-14700 (33MB Cache)
- NVIDIA T1000 (8GB GDDR6)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core i7-14700 (33MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, NVIDIA T1000 (8GB GDDR6), LAN, Windows 11 Pro 64-bit

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## Big power, compact size.

Ultra-small form factor that delivers uncompromised performance for tight workspaces and the Edge. The world's smallest workstation that supports Tensor Core GPUs.

DELL Precision 3280. 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, Discrete graphics card model: NVIDIA T1000. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 280 W. Chassis type: CFF. Product type: PC. Product colour: Black

| Processor                            |                            | Network   |                       |
|--------------------------------------|----------------------------|---|-----------------------|
| Processor manufacturer *             | Intel                      | Wi-Fi *   | ✗                     |
| Processor family *                   | Intel® Core™ i7            | Ports & interfaces                                |                       |
| Processor generation                 | Intel® Core™ i7 (14th gen) | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                     |
| Processor model *                    | i7-14700                   | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 5                     |
| Processor cores                      | 20                         | USB 3.2 Gen 2x2 Type-C ports quantity             | 1                     |
| Processor threads                    | 28                         | DisplayPorts quantity                             | 3                     |
| Processor boost frequency            | 5.4 GHz                    | DisplayPort version                               | 1.4a                  |
| Performance cores                    | 8                          | Ethernet LAN (RJ-45) ports                        | 1                     |
| Efficient cores                      | 12                         | Combo headphone/mic port                          | ✓                     |
| Performance-core Max Turbo Frequency | 5.3 GHz                    | Design  |                       |
| Efficient-core Max Turbo Frequency   | 4.2 GHz                    | Chassis type *                                    | CFF                   |
| Performance-core base frequency      | 2.1 GHz                    | Volume  | 5.5 L                 |
| Efficient-core base frequency        | 1.5 GHz                    | Placement supported                               | Vertical              |
| Processor cache                      | 33 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                  | 219 W                      | Performance                                       |                       |
| Memory                               |                            | Motherboard chipset                               | Intel W680            |
| Internal memory *                    | 16 GB                      | Audio chip  | Realtek ALC3204       |
| Maximum internal memory *            | 64 GB                      | Audio system                                      | High Definition Audio |
| Internal memory type                 | DDR5-SDRAM                 | Trusted Platform Module (TPM)                     | ✓                     |
| Memory layout (slots x size)         | 1 x 16 GB                  | Trusted Platform Module (TPM) version             | 2.0                   |
| Memory slots                         | 2x DIMM                    | Product type *                                    | PC                    |
| Non-ECC                              | ✓                          | Software  |                       |
| Memory data transfer rate            | 5600 MT/s                  | Operating system installed *                      | Windows 11 Pro        |
| Storage                              |                            | Operating system architecture                     | 64-bit                |
| Total storage capacity *             | 512 GB                     |   |                       |
| Storage media *                      | SSD                        |   |                       |
| Optical drive type *                 | ✗                          |   |                       |
| Total SSDs capacity                  | 512 GB                     |   |                       |

| Storage                                       |                        | Software                              |  |
|---|------------------------|---------------------------------------|--|
| Number of SSDs installed                      | 1                      | Operating system language             | German, Dutch, English, French, Italian              |
| SSD capacity                                  | 512 GB                 | Trial software                        | Activate Your Microsoft 365 For A 30 Day Trial       |
| SSD interface                                 | PCI Express 4.0        |                                       |  |
| NVMe  | ✓                      |                                       |  |
| SSD form factor                               | M.2                    |                                       |  |
| M.2 SSD size                                  | 2280 (22 x 80 mm)      |                                       |  |
| Graphics                                      |                        | Power                                 |  |
| Discrete graphics card *                      | ✓                      | Power supply *                        | 280 W  |
| On-board graphics card *                      | ✓                      | Power supply input voltage            | 100 - 240 V  |
| Discrete graphics card model *                | NVIDIA T1000           | Power supply input frequency          | 50 - 60 Hz   |
| Discrete graphics card memory                 | 8 GB                   |                                       |  |
| Discrete graphics memory type                 | GDDR6                  |                                       |  |
| Number of discrete graphics cards             | 1                      |                                       |  |
| On-board GPU manufacturer                     | Intel                  |                                       |  |
| On-board graphics card family                 | Intel® UHD Graphics    |                                       |  |
| On-board graphics card model *                | Intel UHD Graphics 770 |                                       |  |
| Graphics card Mini DisplayPort ports quantity | 4                      |                                       |  |
| Network                                       |                        | Operational conditions                |  |
| Ethernet LAN *                                | ✓                      | Operating temperature (T-T)           | 10 - 35 °C   |
| Ethernet LAN data rates                       | 10,100,1000 Mbit/s     | Storage temperature (T-T)             | -40 - 65 °C  |
| Cabling technology                            | 10/100/1000Base-T(X)   | Operating relative humidity (H-H)     | 20 - 80%   |
| LAN controller                                | Intel® I219-LM         | Storage relative humidity (H-H)       | 0 - 95%  |
|   |                        | Operating altitude                    | -15.2 - 3048 m                                       |
|   |                        | Non-operating altitude                | -15.2 - 10668 m                                      |
|   |                        | Operating vibration                   | 0.52 G   |
|   |                        | Non-operating vibration               | 2 G  |
|   |                        | Operating shock                       | 40 G   |
|   |                        | Non-operating shock                   | 105 G  |
|   |                        | Weight & dimensions                   |  |
|   |                        | Width *                               | 79.3 mm  |
|   |                        | Depth *                               | 178 mm   |
|   |                        | Height *                              | 206 mm   |
|   |                        | Packaging content                     |  |
|   |                        | Display included *                    | ✗  |
|   |                        | Mouse included on selected markets    | Dell Optical Mouse-MS116 - Black                     |
|   |                        | Keyboard included on selected markets | Dell Multimedia Keyboard-KB216 - UK (QWERTY) - Black |
|   |                        | Cables included                       | AC   |



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Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date