



DELL Precision 3680 Intel® Core™ i9 i9-14900K 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Tower Työasema musta

Tuotemerkki : DELL

Tuoteperhe: Precision

Tuotekoodi: DC94R

Tuotteen nimi : 3680

DELL Precision 3680. Suoritinperhe: Intel® Core™ i9, Processorimalli: i9-14900K. Sisäinen muisti: 32 GB, Sisäisen muistin tyyppi: DDR5-SDRAM. Kokonaistallennuskapasiteetti: 1 TB, Tallennusmedia: SSD, Integroitu kortinlukija. Sisältyvän näytönohjaimen malli: Intel UHD Graphics 770. Käyttöjärjestelmä asennettu: Windows 11 Pro, Käyttöjärjestelmän arkkitehtuuri: 64-bittinen. Virtalähde: 1000 W. Alustatyyppi: Tower. Tuotetyyppi: Työasema. Tuotteen väri: musta



| Processor | | Ports & interfaces | |
|--------------------------------------|----------------------------|---|-----------------------|
| Processor manufacturer * | Intel | USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Processor family * | Intel® Core™ i9 | PowerShare | ✓ |
| Processor generation | Intel® Core™ i9 (14th gen) | Number of USB ports with PowerShare support | 2 |
| Processor model * | i9-14900K | DisplayPorts quantity | 2 |
| Processor cores | 24 | DisplayPort version | 1.4a |
| Processor threads | 32 | Ethernet LAN (RJ-45) ports | 1 |
| Processor boost frequency | 6 GHz | Line-out | ✓ |
| Performance cores | 8 | Combo headphone/mic port | ✓ |
| Efficient cores | 16 | Number of rear USB ports | 6 |
| Performance-core Max Turbo Frequency | 5.6 GHz | Number of front USB ports | 4 |
| Efficient-core Max Turbo Frequency | 4.4 GHz | | |
| Performance-core base frequency | 3.2 GHz | | |
| Efficient-core base frequency | 2.4 GHz | | |
| Processor cache | 36 MB | | |
| Processor cache type | Smart Cache | | |
| Number of processors installed | 1 | | |
| Processor base power | 125 W | | |
| Maximum turbo power | 253 W | | |
| Memory | | Design | |
| Internal memory * | 32 GB | Chassis type * | Tower |
| Maximum internal memory * | 128 GB | Placement supported | Vertical |
| Internal memory type | DDR5-SDRAM | Water cooling system | ✗ |
| Memory layout (slots x size) | 2 x 16 GB | Cable lock slot | ✓ |
| Memory slots | 4x DIMM | Cable lock slot type | Kensington |
| Non-ECC | ✓ | Product colour * | Black |
| Memory data transfer rate | 4400 MT/s | Viewing window | ✗ |
| | | Intel® vPro™ Platform Eligibility | ✓ |
| | | Performance | |
| | | Market positioning | Business |
| | | Motherboard chipset | Intel W680 |
| | | Audio chip | Realtek ALC3246-CG |
| | | Audio system | High Definition Audio |
| | | Built-in speaker(s) | ✓ |

| | | | |
|---|------------------------|---------------------------------------|---|
| Storage | | Performance | |
| Total storage capacity * | 1 TB | Number of speakers | 1 |
| Storage media * | SSD | Password protection | ✓ |
| Optical drive type * | ✗ | Trusted Platform Module (TPM) | ✓ |
| Total SSDs capacity | 1 TB | Trusted Platform Module (TPM) version | 2.0 |
| Number of SSDs installed | 1 | Product type * | Workstation |
| SSD capacity | 1 TB | Software | |
| SSD interface | PCI Express 4.0 | Operating system installed * | Windows 11 Pro |
| NVMe | ✓ | Operating system architecture | 64-bit |
| SSD form factor | M.2 | Operating system language | Danish, English, Finnish, Norwegian, Swedish |
| M.2 SSD size | 2280 (22 x 80 mm) | Trial software | No Microsoft Office Licence Included - 30 day Trial Offer Only |
| Card reader integrated | ✓ | Power | |
| Compatible memory cards | SD | Power supply * | 1000 W |
| Graphics | | Power supply input voltage | 90 - 264 V |
| Discrete graphics card * | ✗ | Power supply input frequency | 47/63 Hz |
| On-board graphics card * | ✓ | 80 PLUS certification | 80 PLUS Platinum |
| Discrete graphics card model * | Not available | Operational conditions | |
| On-board GPU manufacturer | Intel | Operating temperature (T-T) | 10 - 35 °C |
| On-board graphics card family | Intel® UHD Graphics | Storage temperature (T-T) | -40 - 65 °C |
| On-board graphics card model * | Intel UHD Graphics 770 | Operating relative humidity (H-H) | 20 - 85% |
| Network | | Storage relative humidity (H-H) | 0 - 95% |
| Ethernet LAN * | ✓ | Operating altitude | -15.2 - 3048 m |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Non-operating altitude | -15.2 - 10668 m |
| Cabling technology | 10/100/1000Base-T(X) | Operating vibration | 0.52 G |
| LAN controller | Intel® I219-LM | Non-operating vibration | 2 G |
| Wi-Fi * | ✗ | Operating shock | 40 G |
| Ports & interfaces | | Non-operating shock | 105 G |
| USB 2.0 ports quantity * | 2 | Sustainability | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Sustainability compliance | ✓ |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 | Sustainability certificates | ENERGY STAR, EPEAT Gold |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 3 | Weight & dimensions | |
| | | Width * | 173 mm |
| | | Depth * | 420.2 mm |
| | | Height * | 372.9 mm |
| | | Packaging content | |
| | | Display included * | ✗ |
| | | Cables included | AC |



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