DELL Precision 3680 Intel® Core™ i9 i9-14900K 32 Go DDR5-SDRAM 1 To SSD Windows 11 Pro Tower Station de travail Noir

Marque : DELL   **Famille de produit:** Precision   **Code produit:** F8CF1

Nom du produit : 3680

- Windows 11 Pro 64-bit
- Intel Core i9-14900K (36Mo Cache)
- 32Go DDR5-SDRAM (2 x 16) & 1000Go SSD
Intel Core i9-14900K (36Mo Cache), 32Go DDR5-SDRAM, 1000Go SSD, Intel UHD Graphics 770, LAN, Windows 11 Pro 64-bit

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Performances exceptionnellement évolutives dans une conception de tour d'entrée de gamme
La nouvelle tour 3680 est la station de travail la plus rapide de Dell pour les tâches monothread, avec les nouveaux processeurs Intel® Core™ de 14e génération et la technologie Unlimited Turbo Duration.

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i9
Processor generation	Intel® Core™ i9 (14th gen)
Processor model *	i9-14900K
Processor cores	24
Processor threads	32
Processor boost frequency	6 GHz
Performance cores	8
Efficient cores	16
Performance-core Max Turbo Frequency	5.6 GHz
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
Number of processors supported	1
Processor base power	125 W
Maximum turbo power	253 W

Memory

Internal memory *	32 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 16 GB
Memory slots	4x DIMM
ECC	✗
Non-ECC	✔
Memory channels	Dual-channel

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3
USB 3.2 Gen 2x2 Type-C ports quantity	1
PowerShare	✔
Number of USB ports with PowerShare support	2
DisplayPorts quantity	2
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1
Line-out	✔
Combo headphone/mic port	✔
Number of rear USB ports	6
Number of front USB ports	4

Design

Chassis type *	Tower
Placement supported	Vertical
Water cooling system	✗
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black
Viewing window	✗
Intel® vPro™ Platform Eligibility	✔

Performance

Market positioning	Business
Motherboard chipset	Intel W680
Audio chip	Realtek ALC3246-CG
Audio system	High Definition Audio

Memory

Memory data transfer rate	4400 MT/s

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Card reader integrated	✔
Compatible memory cards	SD
RAID support	✘

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770
Maximum on-board graphics card resolution	7680 x 4320 pixels

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
LAN controller	Intel® I219-LM
Wi-Fi *	✘
Bluetooth	✘

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2

Performance

Built-in speaker(s)	✔
Number of speakers	1
Password protection	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Product type *	Workstation

Software

Operating system installed *	Windows 11 Pro
Operating system architecture	64-bit
Operating system language	German, Dutch, English, French, Italian
Trial software	Activate Your Microsoft 365 For A 30 Day Trial

Power

Power supply *	1000 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz
80 PLUS certification	80 PLUS Platinum

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	20 - 85%
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

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, EPEAT Gold

Weight & dimensions

Width *	173 mm
Depth *	420.2 mm
Height *	372.9 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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