



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

Merk : DELL

Productfamilie: Precision

Artikelcode: F8CF1

Productnaam : 3680

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

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Uitzonderlijk schaalbare prestaties in een towerdesign op instapniveau

De nieuwe 3680 Tower is het snelste workstation van Dell voor single-threaded taken, met nieuwe 14e generatie Intel® Core™ processors met Unlimited Turbo Duration.

DELL Precision 3680. Processorfamilie: Intel® Core™ i9, Processormodel: i9-14900K. Intern geheugen: 32 GB, Intern geheugentype: DDR5-SDRAM. Totale opslagcapaciteit: 1 TB, Opslagmedia: SSD, Geïntegreerde geheugenkaartlezer. On-board graphics adapter model: Intel UHD Graphics 770. Inclusief besturingssysteem: Windows 11 Pro, Architectuur besturingssysteem: 64-bit. Netvoeding: 1000 W. Type behuizing: Tower. Type product: Workstation. Kleur van het product: Zwart



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3
Processor family *	Intel® Core™ i9	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor generation	Intel® Core™ i9 (14th gen)	PowerShare	✓
Processor model *	i9-14900K	Number of USB ports with PowerShare support	2
Processor cores	24	DisplayPorts quantity	2
Processor threads	32	DisplayPort version	1.4a
Processor boost frequency	6 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	Line-out	✓
Efficient cores	16	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.6 GHz	Number of rear USB ports	6
Efficient-core Max Turbo Frequency	4.4 GHz	Number of front USB ports	4
Performance-core base frequency	3.2 GHz	Design	
Efficient-core base frequency	2.4 GHz	Chassis type *	Tower
Processor cache	36 MB	Placement supported	Vertical
Processor cache type	Smart Cache	Water cooling system	✗
Number of processors installed	1	Cable lock slot	✓
Number of processors supported	1	Cable lock slot type	Kensington
Processor base power	125 W	Product colour *	Black
Maximum turbo power	253 W	Viewing window	✗
Memory		Intel® vPro™ Platform Eligibility	✓
Internal memory *	32 GB	Performance	
Maximum internal memory *	128 GB	Market positioning	Business
Internal memory type	DDR5-SDRAM	Motherboard chipset	Intel W680
Memory layout (slots x size)	2 x 16 GB	Audio chip	Realtek ALC3246-CG
Memory slots	4x DIMM	Audio system	High Definition Audio
ECC	✗		
Non-ECC	✓		
Memory channels	Dual-channel		

Memory		Performance	
Memory data transfer rate	4400 MT/s	Built-in speaker(s)	✓
Storage		Number of speakers	1
Total storage capacity *	1 TB	Password protection	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Number of storage drives installed	1	Product type *	Workstation
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	1 TB	Operating system architecture	64-bit
SSD interface	PCI Express 4.0	Operating system language	German, Dutch, English, French, Italian
NVMe	✓	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
SSD form factor	M.2	Power	
M.2 SSD size	2280 (22 x 80 mm)	Power supply *	1000 W
Card reader integrated	✓	Power supply input voltage	90 - 264 V
Compatible memory cards	SD	Power supply input frequency	47/63 Hz
RAID support	✗	80 PLUS certification	80 PLUS Platinum
Graphics		Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	10 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	20 - 85%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	0 - 95%
On-board graphics card family	Intel® UHD Graphics	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	Intel UHD Graphics 770	Non-operating altitude	-15.2 - 10668 m
Maximum on-board graphics card resolution	7680 x 4320 pixels	Operating vibration	0.52 G
Network		Non-operating vibration	2 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 compliance	✓
Wi-Fi *	✗	Sustainability certificates	ENERGY STAR, EPEAT Gold
Bluetooth	✗	Weight & dimensions	
Ports & interfaces		Width *	173 mm
USB 2.0 ports quantity *	2	Depth *	420.2 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height *	372.9 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	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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