



## 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		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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