



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

Brand : DELL

Product family: Precision

Product code: DC94R

Product name : 3680

DELL Precision 3680. Processor family: Intel® Core™ i9, Processor model: i9-14900K. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel UHD Graphics 770. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 1000 W. Chassis type: Tower. Product type: Workstation. Product colour: Black



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	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	✓
Processor base power	125 W	Cable lock slot type	Kensington
Maximum turbo power	253 W	Product colour *	Black
		Viewing window	✗
		Intel® vPro™ Platform Eligibility	✓
Memory		Performance	
Internal memory *	32 GB	Market positioning	Business
Maximum internal memory *	128 GB	Motherboard chipset	Intel W680
Internal memory type	DDR5-SDRAM	Audio chip	Realtek ALC3246-CG
Memory layout (slots x size)	2 x 16 GB	Audio system	High Definition Audio
Memory slots	4x DIMM	Built-in speaker(s)	✓
Non-ECC	✓	Number of speakers	1
Memory data transfer rate	4400 MT/s	Password protection	✓

Storage		Performance	
Total storage capacity *	1 TB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	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	Danish, English, Finnish, Norwegian, Swedish
NVMe	✓	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
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
Graphics		80 PLUS certification	80 PLUS Platinum
Discrete graphics card *	✗	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	10 - 35 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-40 - 65 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	20 - 85%
On-board graphics card family	Intel® UHD Graphics	Storage relative humidity (H-H)	0 - 95%
On-board graphics card model *	Intel UHD Graphics 770	Operating altitude	-15.2 - 3048 m
Network		Non-operating altitude	-15.2 - 10668 m
Ethernet LAN *	✓	Operating vibration	0.52 G
Ethernet LAN data rates	10,100,1000 Mbit/s	Non-operating vibration	2 G
Cabling technology	10/100/1000Base-T(X)	Operating shock	40 G
LAN controller	Intel® I219-LM	Non-operating shock	105 G
Wi-Fi *	✗	Sustainability	
Ports & interfaces		Sustainability compliance	✓
USB 2.0 ports quantity *	2	Sustainability certificates	ENERGY STAR, EPEAT Gold
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Width *	173 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3	Depth *	420.2 mm
		Height *	372.9 mm
		Packaging content	
		Display included *	✗
		Cables included	AC



5397184865309

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 16-SEP-2024. Prints or copies of Information are only valid on the printed Publication date