



DELL Precision 3680 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T1000 Windows 11 Pro Tower Workstation Black

Brand : DELL

Product family: Precision

Product code: 85KPK

Product name : 3680

DELL Precision 3680. Processor family: Intel® Core™ i7, Processor model: i7-14700. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel UHD Graphics 770, Discrete graphics card model: NVIDIA T1000. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 500 W. Chassis type: Tower. Product type: Workstation. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor generation	Intel® Core™ i7 (14th gen)	PowerShare	✓
Processor model *	i7-14700	Number of USB ports with PowerShare support	2
Processor cores	20	DisplayPorts quantity	2
Processor threads	28	DisplayPort version	1.4a
Processor boost frequency	5.4 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	Line-out	✓
Efficient cores	12	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.3 GHz	Number of rear USB ports	6
Efficient-core Max Turbo Frequency	4.2 GHz	Number of front USB ports	4
Performance-core base frequency	2.1 GHz		
Efficient-core base frequency	1.5 GHz		
Processor cache	33 MB		
Processor cache type	Smart Cache		
Number of processors installed	1		
Processor base power	65 W		
Maximum turbo power	219 W		
Memory		Design	
Internal memory *	16 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 8 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

Storage		Performance	
Total storage capacity *	512 GB	Built-in speaker(s)	✓
Storage media *	SSD	Number of speakers	1
Optical drive type *	✗	Password protection	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	Product type *	Workstation
SSD interface	PCI Express 4.0	Software	
NVMe	✓	Operating system installed *	Windows 11 Pro
SSD form factor	M.2	Operating system architecture	64-bit
M.2 SSD size	2280 (22 x 80 mm)	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Card reader integrated	✓	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Compatible memory cards	SD	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Graphics		Power	
Discrete graphics card *	✓	Power supply *	500 W
On-board graphics card *	✓	Power supply input voltage	90 - 264 V
Discrete graphics card model *	NVIDIA T1000	Power supply input frequency	47/63 Hz
Discrete graphics card memory	8 GB	80 PLUS certification	80 PLUS Platinum
Discrete graphics card memory type	GDDR6	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%
Graphics card Mini DisplayPort ports quantity	4	Storage relative humidity (H-H)	0 - 95%
Network		Operating altitude	-15.2 - 3048 m
Ethernet LAN *	✓	Non-operating altitude	-15.2 - 10668 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating vibration	0.52 G
Cabling technology	10/100/1000Base-T(X)	Non-operating vibration	2 G
LAN controller	Intel® I219-LM	Operating shock	40 G
Wi-Fi *	✗	Non-operating shock	105 G
Ports & interfaces		Sustainability	
USB 2.0 ports quantity *	2	Sustainability compliance	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Sustainability certificates	ENERGY STAR, EPEAT Gold
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Weight & dimensions	
		Width *	173 mm
		Depth *	420.2 mm
		Height *	372.9 mm
		Packaging content	
		Display included *	✗
		Cables included	AC



5397184865200

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