

## DELL Precision 3680 Intel® Core™ i7 i7-14700 32 GB DDR5-SDRAM 1 TB SSD NVIDIA T1000 Windows 11 Pro Tower Workstation Black

Brand : DELL

Product family: Precision

Product code: RX7C3

Product name : 3680

- Windows 11 Pro 64-bit

- Intel Core i7-14700 (33MB Cache)
- NVIDIA T1000 (8GB GDDR6)

- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core i7-14700 (33MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel UHD Graphics 770, NVIDIA T1000 (8GB GDDR6), LAN, Windows 11 Pro 64-bit

DELL Precision 3680 Intel® Core™ i7 i7-14700 32 GB DDR5-SDRAM 1 TB SSD NVIDIA T1000 Windows 11 Pro Tower Workstation Black:

## Exceptionally scalable performance in an entry tower design

The new 3680 Tower is Dell's fastest workstation for single-threaded tasks, featuring new 14th Gen Intel® Core<sup>™</sup> processors with Unlimited Turbo Duration.

DELL Precision 3680. Processor family: Intel® Core™ i7, Processor model: i7-14700. 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, 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 * Processor family *	Intel Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3
Processor generation Processor model *	n Intel Core i7-14xxx i7-14700 20 28	USB 3.2 Gen 2x2 Type-C ports quantity PowerShare	1
Processor cores Processor threads Processor boost frequency		20     Number of USB ports with       28     PowerShare support	2
Performance cores Efficient cores Performance-core Max Turbo	8 12	DisplayPorts quantity DisplayPort version Ethernet LAN (RJ-45) ports	1.4a 1
Frequency Efficient-core Max Turbo Frequency Performance-core base frequency	2.1 GHz	Line-out Combo headphone/mic port Number of rear USB ports Number of front USB ports	✓ ✓ 6 4
Efficient-core base frequency Processor cache	1.5 GHz 33 MB	Design	
Processor cache type Number of processors installed Processor base power Maximum turbo power	Smart Cache 1 65 W 219 W	Chassis type * Placement supported Water cooling system Cable lock slot	Tower Vertical X
Memory		Cable lock slot type	Kensington
Internal memory * Maximum internal memory * Internal memory type	32 GB 128 GB DDR5-SDRAM	Product colour * Viewing window Intel® vPro™ Platform Eligibility	Black ×
Memory layout (slots x size)	2 x 16 GB	Performance	
Memory slots4x DIMMNon-ECC✓Memory data transfer rate4400 MT/s	Market positioning Motherboard chipset Audio chip Audio system Built-in speaker(s)	Business Intel W680 Realtek ALC3246-CG High Definition Audio	

Storage		Performance	
Total storage capacity *1 TEStorage media *SSDOptical drive type *XTotal SSDs capacity1 TENumber of SSDs installed1SSD capacity1 TESSD interfacePCINVMe✓SSD form factorM.2	1 TB SSD ★ 1 TB 1 1 TB PCI Express 4.0 ✓ M.2 2280 (22 x 80 mm) ✓	Number of speakers Password protection Trusted Platform Module (TPM) Trusted Platform Module (TPM) version Product type * Software Operating system installed * Operating system architecture	1 2.0 Workstation Windows 11 Pro 64-bit
		Operating system language	German, Dutch, English, French, Italian Activate Your Microsoft 365 For A 30
Graphics		Trial software	Day Trial
-	1	Power	
Discrete graphics card * On-board graphics card * Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type	NVIDIA T1000 8 GB GDDR6	Power supply * Power supply input voltage Power supply input frequency 80 PLUS certification	500 W 90 - 264 V 47/63 Hz 80 PLUS Platinum
On-board GPU manufacturer	Intel	Operational conditions	
On-board graphics card family		Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H) Operating altitude	10 - 35 °C -40 - 65 °C 20 - 85% 0 - 95% -15.2 - 3048 m
Network		Non-operating altitude	-15.2 - 10668 m
Ethernet LAN * Ethernet LAN data rates Cabling technology LAN controller	10,100,1000 Mbit/s 10/100/1000Base-T(X) Intel® I219-LM	Operating vibration Non-operating vibration Operating shock Non-operating shock	0.52 G 2 G 40 G 105 G
Wi-Fi *	×	Sustainability	
Ports & interfaces USB 2.0 ports quantity *	2	Sustainability compliance 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 * Depth * Height *	173 mm 420.2 mm 372.9 mm
		Packaging content	
		Display included *	×
		Mouse included on colocted markets	Doll Ontical Maura MC116 Black

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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