



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

**Merk :** DELL

**Productfamilie:** Precision

**Artikelcode:** KJ8XW

**Productnaam :** 3680

- Windows 11 Pro 64-bit  
- Intel Core i7-14700 (33MB Cache)  
- 16GB DDR5-SDRAM (2 x 8) & 512GB SSD  
Intel Core i7-14700 (33MB Cache), 16GB DDR5-SDRAM, 512GB 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™ i7, Processormodel: i7-14700. Intern geheugen: 16 GB, Intern geheugentype: DDR5-SDRAM. Totale opslagcapaciteit: 512 GB, Opslagmedia: SSD, Geïntegreerde geheugenkaartlezer. On-board graphics adapter model: Intel UHD Graphics 770. Inclusief besturingssysteem: Windows 11 Pro, Architectuur besturingssysteem: 64-bit. Netvoeding: 500 W. Type behuizing: Tower. Producttype: Workstation. Kleur van het product: Zwart



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Number of USB ports with PowerShare support	2
Processor family *	Intel® Core™ i7	DisplayPorts quantity	2
Processor generation	Intel® Core™ i7 (14th gen)	DisplayPort version	1.4a
Processor model *	i7-14700	Ethernet LAN (RJ-45) ports	1
Processor cores	20	Line-out	✓
Processor threads	28	Combo headphone/mic port	✓
Processor boost frequency	5.4 GHz	Number of rear USB ports	6
Performance cores	8	Number of front USB ports	4
Efficient cores	12		
Performance-core Max Turbo Frequency	5.3 GHz		
Efficient-core Max Turbo Frequency	4.2 GHz		
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
		Built-in speaker(s)	✓
		Number of speakers	1
		Password protection	✓
		Trusted Platform Module (TPM)	✓

<b>Storage</b>		<b>Performance</b>	
Total storage capacity *	512 GB	Trusted Platform Module (TPM) version	2.0
Storage media *	SSD	Product type *	Workstation
Optical drive type *	✗	<b>Software</b>	
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	512 GB	Operating system language	German, Dutch, English, French, Italian
SSD interface	PCI Express 4.0	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
NVMe	✓	<b>Power</b>	
SSD form factor	M.2	Power supply *	500 W
M.2 SSD size	2280 (22 x 80 mm)	Power supply input voltage	90 - 264 V
Card reader integrated	✓	Power supply input frequency	47/63 Hz
Compatible memory cards	SD	80 PLUS certification	80 PLUS Platinum
<b>Graphics</b>		<b>Operational conditions</b>	
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
<b>Network</b>		Operating vibration	0.52 G
Ethernet LAN *	✓	Non-operating vibration	2 G
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating shock	40 G
Cabling technology	10/100/1000Base-T(X)	Non-operating shock	105 G
LAN controller	Intel® I219-LM	<b>Sustainability</b>	
Wi-Fi *	✗	Sustainability compliance	✓
<b>Ports &amp; interfaces</b>		Sustainability certificates	ENERGY STAR, EPEAT Gold
USB 2.0 ports quantity *	2	<b>Weight &amp; dimensions</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Width *	173 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Depth *	420.2 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3	Height *	372.9 mm
USB 3.2 Gen 2x2 Type-C ports quantity	1	<b>Packaging content</b>	
PowerShare	✓	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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