



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

**Brand :** DELL

**Product family:** Precision

**Product code:**  
N003PT3680MTEMEA\_VP

**Product name :** 3680

DELL Precision 3680. Protsessori perekond: Intel® Core™ i7, Protsessori mudel: i7-14700. Sisemälu: 16 GB, Sisemälu tüüp: DDR5-SDRAM. Salvestusmaht kokku: 512 GB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel UHD Graphics 770. Installitud operatsioonisüsteem: Windows 11 Pro, Operatsioonisüsteemi arhitektuur: 64-bit. Toiteallikas: 500 W. Keretüüp: Tower. Toote tüüp: Tööjaam. Toote värv: Must



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	Number of rear USB ports	6
Processor generation	Intel® Core™ i7 (14th gen)	Number of front USB ports	4
Processor model *	i7-14700	Design	
Processor cores	20	Chassis type *	Tower
Processor threads	28	Placement supported	Vertical
Processor boost frequency	5.4 GHz	Water cooling system	✗
Performance cores	8	Cable lock slot	✓
Efficient cores	12	Cable lock slot type	Kensington
Performance-core Max Turbo Frequency	5.3 GHz	Product colour *	Black
Efficient-core Max Turbo Frequency	4.2 GHz	Viewing window	✗
Performance-core base frequency	2.1 GHz	Performance	
Efficient-core base frequency	1.5 GHz	Market positioning	Business
Processor cache	33 MB	Motherboard chipset	Intel W680
Processor cache type	Smart Cache	Audio chip	Realtek ALC3246-CG
Number of processors installed	1	Audio system	High Definition Audio
Processor base power	65 W	Built-in speaker(s)	✓
Maximum turbo power	219 W	Number of speakers	1
Memory		Password protection	✓
Internal memory *	16 GB	Trusted Platform Module (TPM)	✓
Maximum internal memory *	128 GB	Trusted Platform Module (TPM) version	2.0
Internal memory type	DDR5-SDRAM	Product type *	Workstation
Memory layout (slots x size)	2 x 8 GB	Software	
Memory slots	4x DIMM	Operating system installed *	Windows 11 Pro
Non-ECC	✓	Operating system architecture	64-bit
Memory data transfer rate	4400 MT/s		

Storage		Software	
Total storage capacity *	512 GB	Trial software	Microsoft Office Trial, McAfee Business Protection 1-year
Storage media *	SSD		
Optical drive type *	✗		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Graphics		Power	
Discrete graphics card *	✗	Power supply *	500 W
On-board graphics card *	✓	Power supply input voltage	90 - 264 V
Discrete graphics card model *	Not available	Power supply input frequency	47/63 Hz
On-board GPU manufacturer	Intel	80 PLUS certification	80 PLUS Platinum
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 770		
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	10 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	20 - 85%
LAN controller	Intel® I219-LM	Storage relative humidity (H-H)	0 - 95%
Wi-Fi *	✗	Operating altitude	-15.2 - 3048 m
		Non-operating altitude	-15.2 - 10668 m
		Operating vibration	0.52 G
		Non-operating vibration	2 G
		Operating shock	40 G
		Non-operating shock	105 G
		Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	ENERGY STAR, EPEAT Gold
		Weight & dimensions	
		Width *	173 mm
		Depth *	420.2 mm
		Height *	372.9 mm
		Packaging content	
		Cables included	AC
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	406
		Carbon emissions, manufacturing (kg of CO2e)	180
		Carbon emissions, logistics (kg of CO2e)	18
		Carbon emissions, energy usage (kg of CO2e)	193
		Carbon emissions, end-of-life (kg of CO2e)	15
		Total carbon emissions, w/o use phase (kg of CO2e)	213
		PAIA version	GaBi version 1, 2024
		Display	
		Display included *	✗

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Publication date: 31-MAR-2025. Prints or copies of Information are only valid on the printed Publication date