



DELL Precision 3680 Intel® Core™ i3 i3-14100 8 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro Tower Workstation Black

Brand : DELL

Product family: Precision

Article code: AWF3680T

Product name : 3680

- Windows 11 Pro 64-bit
- Intel Core i3-14100 (12MB Cache)

- 8GB DDR5-SDRAM (1 x 8) & 256GB SSD

Intel Core i3-14100 (12MB Cache), 8GB DDR5-SDRAM, 256GB SSD, Intel UHD Graphics 730, LAN, Windows 11 Pro 64-bit

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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™ processors with Unlimited Turbo Duration.

DELL Precision 3680. Processor family: Intel® Core™ i3, Processor model: i3-14100. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 300 W. Chassis type: Tower. Product type: Workstation. Weight: 16.7 lbs (7.58 kg). Product color: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	DisplayPorts quantity	2
Processor family *	Intel® Core™ i3	DisplayPort version	1.4a
Processor generation	Intel® Core™ i3 (14th gen)	Ethernet LAN (RJ-45) ports	1
Processor model *	i3-14100	Line-out	✓
Processor cores	4	Combo headphone/mic port	✓
Processor threads	8	Number of rear USB ports	6
Processor boost frequency	4.7 GHz	Number of front USB ports	4
Performance cores	4	Design	
Performance-core Max Turbo Frequency	4.7 GHz	Chassis type *	Tower
Performance-core base frequency	3.5 GHz	Placement supported	Vertical
Processor cache	12 MB	Water cooling system	✗
Processor cache type	Smart Cache	Cable lock slot	✓
Number of processors installed	1	Cable lock slot type	Kensington
Processor base power	60 W	Product color *	Black
Maximum turbo power	110 W	Viewing window	✗
Memory		Performance	
Internal memory *	8 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)	1 x 8 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		Trusted Platform Module (TPM)	✓
Total storage capacity *	256 GB	Product type *	Workstation
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗		

Storage		Software	
Total SSDs capacity	256 GB	Operating system architecture	64-bit
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	256 GB	Power	
SSD interface	PCI Express 4.0	Power supply *	300 W
NVMe	✓	Power supply input voltage	90 - 264 V
SSD form factor	M.2	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 730	Operating altitude	-598.4 - 120000" (-15.2 - 3048 m)
Network		Non-operating altitude	-598.4 - 420000" (-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
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 *	6.81" (173 mm)
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	3	Depth *	16.5" (420.2 mm)
USB 3.2 Gen 2x2 Type-C ports quantity	1	Height *	14.7" (372.9 mm)
PowerShare	✓	Weight *	16.7 lbs (7.58 kg)
Number of USB ports with PowerShare support	2	Packaging content	
		Mouse included	✓
		Keyboard included	✓
		Cables included	AC
		Display	
		Display included *	✗

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