



# DELL Precision 3280 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T1000 Windows 11 Pro CFF PC Black



**Brand :** DELL

**Product family:** Precision

**Product code:** D8W9H

**Product name :** 3280

- Windows 11 Pro 64-bit
- Intel Core i7-14700 (33MB Cache)
- NVIDIA T1000 (8GB GDDR6)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core i7-14700 (33MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, NVIDIA T1000 (8GB GDDR6), LAN, Windows 11 Pro 64-bit

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## Big power, compact size.

Ultra-small form factor that delivers uncompromised performance for tight workspaces and the Edge. The world's smallest workstation that supports Tensor Core GPUs.

DELL Precision 3280. 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. 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: 280 W. Chassis type: CFF. Product type: PC. Product colour: Black

Processor		Network	
Processor manufacturer *	Intel	Wi-Fi *	✗
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	Intel® Core™ i7 (14th gen)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	i7-14700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Processor cores	20	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor threads	28	DisplayPorts quantity	3
Processor boost frequency	5.4 GHz	DisplayPort version	1.4a
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	12	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.3 GHz	Design	
Efficient-core Max Turbo Frequency	4.2 GHz	Chassis type *	CFF
Performance-core base frequency	2.1 GHz	Volume	5.5 L
Efficient-core base frequency	1.5 GHz	Placement supported	Vertical
Processor cache	33 MB	Cable lock slot	✓
Processor cache type	Smart Cache	Cable lock slot type	Kensington
Number of processors installed	1	Product colour *	Black
Processor base power	65 W	Intel® vPro™ Platform Eligibility	✓
Maximum turbo power	219 W	Performance	
Memory		Motherboard chipset	Intel W680
Internal memory *	16 GB	Audio chip	Realtek ALC3204
Maximum internal memory *	64 GB	Audio system	High Definition Audio
Internal memory type	DDR5-SDRAM	Trusted Platform Module (TPM)	✓
Memory layout (slots x size)	1 x 16 GB	Trusted Platform Module (TPM) version	2.0
Memory slots	2x DIMM	Product type *	PC
Non-ECC	✓	Software	
Memory data transfer rate	5600 MT/s	Operating system installed *	Windows 11 Pro
Storage		Operating system architecture	64-bit
Total storage capacity *	512 GB		
Storage media *	SSD		
Optical drive type *	✗		
Total SSDs capacity	512 GB		

Storage		Software	
Number of SSDs installed	1	Operating system language	German, Dutch, English, French, Italian
SSD capacity	512 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
M.2 SSD size	2280 (22 x 80 mm)		
Graphics		Power	
Discrete graphics card *	✓	Power supply *	280 W
On-board graphics card *	✓	Power supply input voltage	100 - 240 V
Discrete graphics card model *	NVIDIA T1000	Power supply input frequency	50 - 60 Hz
Discrete graphics card memory	8 GB		
Discrete graphics memory type	GDDR6		
Number of discrete graphics cards	1		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 770		
Graphics card Mini DisplayPort ports quantity	4		
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 - 80%
LAN controller	Intel® I219-LM	Storage relative humidity (H-H)	0 - 95%
		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
		Weight & dimensions	
		Width *	79.3 mm
		Depth *	178 mm
		Height *	206 mm
		Packaging content	
		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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Publication date: 10-JUL-2024. Prints or copies of Information are only valid on the printed Publication date