



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: 3N1YV

Product name : 3280

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	LAN controller	Intel® I219-LM
Processor family *	Intel® Core™ i7	Wi-Fi *	✗
Processor generation	Intel® Core™ i7 (14th gen)	Ports & interfaces	
Processor model *	i7-14700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	20	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Processor threads	28	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor boost frequency	5.4 GHz	DisplayPorts quantity	3
Performance cores	8	DisplayPort version	1.4a
Efficient cores	12	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.3 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.2 GHz	Design	
Performance-core base frequency	2.1 GHz	Chassis type *	CFF
Efficient-core base frequency	1.5 GHz	Volume	5.5 L
Processor cache	33 MB	Placement supported	Vertical
Processor cache type	Smart Cache	Cable lock slot	✓
Number of processors installed	1	Cable lock slot type	Kensington
Processor base power	65 W	Product colour *	Black
Maximum turbo power	219 W	Intel® vPro™ Platform Eligibility	✓
Memory		Performance	
Internal memory *	16 GB	Motherboard chipset	Intel W680
Maximum internal memory *	64 GB	Audio chip	Realtek ALC3204
Internal memory type	DDR5-SDRAM	Audio system	High Definition Audio
Memory layout (slots x size)	1 x 16 GB	Trusted Platform Module (TPM)	✓
Memory slots	2x DIMM	Trusted Platform Module (TPM) version	2.0
Memory data transfer rate	5600 MT/s		
Storage			
Total storage capacity *	512 GB		

Storage		Performance	
Storage media *	SSD	Product type *	PC
Optical drive type *	✗	Software	
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	Danish, English, Finnish, Norwegian, Swedish
SSD interface	PCI Express 4.0	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
NVMe	✓	Power	
SSD form factor	M.2	Power supply *	280 W
M.2 SSD size	2280 (22 x 80 mm)	Power supply input voltage	100 - 240 V
Power supply input frequency		Power supply input frequency	50 - 60 Hz
Graphics		Operational conditions	
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 *	NVIDIA T1000	Operating relative humidity (H-H)	20 - 80%
Discrete graphics card memory	8 GB	Storage relative humidity (H-H)	0 - 95%
Discrete graphics memory type	GDDR6	Operating altitude	-15.2 - 3048 m
Number of discrete graphics cards	1	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating vibration	0.52 G
On-board graphics card family	Intel® UHD Graphics	Non-operating vibration	2 G
On-board graphics card model *	Intel UHD Graphics 770	Operating shock	40 G
Graphics card Mini DisplayPort ports quantity	4	Non-operating shock	105 G
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	79.3 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	178 mm
Cabling technology	10/100/1000Base-T(X)	Height *	206 mm
		Packaging content	
		Display included *	✗
		Cables included	AC



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