



DELL Precision 3460 i7-12700 SFF Intel® Core™ i7 16 GB DDR5-SDRAM 512 GB SSD Windows 10 Pro Workstation Black



Brand : DELL

Product family: Precision

Product code: CCJ1T

Product name : 3460

- Windows 10 Pro 64-bit
 - Intel Core i7-12700 (25MB Cache)
 - NVIDIA T1000 (4GB GDDR6)
 - 16 GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
- Intel Core i7-12700 (25MB Cache), 16 GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel UHD Graphics 770, NVIDIA T1000 (4GB GDDR6), LAN, Windows 10 Pro 64-bit

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Smart performance and design

An intelligent, performance-optimized, space-saving small form factor. DELL Precision 3460. Processor family: Intel® Core™ i7, Processor model: i7-12700. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel UHD Graphics 770, Discrete graphics card model: NVIDIA T1000. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 300 W. Chassis type: SFF. Product type: Workstation



Processor		Design	
Processor manufacturer *	Intel	Chassis type *	SFF
Processor generation	12th gen Intel® Core™ i7	Placement supported	Vertical
Processor model *	i7-12700	Cable lock slot	✓
Processor family *	Intel® Core™ i7	Cable lock slot type	Kensington
Processor cores	12	Product colour *	Black
Processor boost frequency	4.9 GHz	Performance	
Processor cache	25 MB	Market positioning	Business
Bus type	DMI4	Motherboard chipset	Intel W680
Thermal Design Power (TDP)	65 W	Audio system	Waves MaxxAudio
Number of processors installed	1	Trusted Platform Module (TPM)	✓
Memory		Product type *	Workstation
Internal memory *	16 GB	Software	
Maximum internal memory *	64 GB	Operating system installed *	Windows 10 Pro
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory layout (slots x size)	2 x 8 GB	Windows 11 free upgrade	✓
Memory slots	2x SO-DIMM	Operating system language	German, Dutch, English, French, Italian
Memory clock speed	4800 MHz	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Storage		Processor special features	
Total storage capacity *	512 GB	Intel 64	✓
Storage media *	SSD	Enhanced Intel SpeedStep Technology	✓
Optical drive type *	DVD±RW	Embedded options available	✗
Number of storage drives installed	1	Intel VT-x with Extended Page Tables (EPT)	✓
Total SSDs capacity	512 GB	Idle States	✓
Number of SSDs installed	1	Intel Stable Image Platform Program (SIPP)	✓
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		

Storage		Processor special features	
SSD performance class	40	Intel Trusted Execution Technology	✓
Graphics		Execute Disable Bit	✓
Discrete graphics card *	✓	CPU configuration (max)	1
Discrete GPU manufacturer	NVIDIA	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	NVIDIA T1000	Intel Virtualization Technology (VT-x)	✓
Discrete graphics memory type	GDDR6	Power	
Discrete graphics card memory	4 GB	Power supply *	300 W
Number of discrete graphics cards	1	Power supply input voltage	90 - 264 V
On-board graphics card *	✓	Power supply input frequency	47/63 Hz
On-board graphics card model *	Intel UHD Graphics 770	80 PLUS certification	80 PLUS Platinum
Graphics card Mini DisplayPort ports quantity	4	Operational conditions	
Network		Operating temperature (T-T)	10 - 35 °C
Ethernet LAN *	✓	Storage temperature (T-T)	-40 - 65 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating relative humidity (H-H)	20 - 80%
Cabling technology	10/100/1000Base-T(X)	Storage relative humidity (H-H)	5 - 95%
LAN controller	Intel® I219	Operating altitude	0 - 3048 m
Wi-Fi *	✗	Non-operating altitude	0 - 10668 m
Ports & interfaces		Operating vibration	0.26 G
USB 2.0 ports quantity *	4	Non-operating vibration	1.37 G
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Non-operating shock	105 G
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Sustainability	
USB 3.2 Gen 2x2 Type-C ports quantity	1	Sustainability certificates	ENERGY STAR
PowerShare	✓	Doesn't contain	PVC/BFR
Number of USB ports with PowerShare support	1	Weight & dimensions	
DisplayPorts quantity	3	Width *	92.6 mm
DisplayPort version	1.4	Depth *	292.8 mm
Ethernet LAN (RJ-45) ports	1	Height *	290 mm
Headphone outputs	1	Weight *	5.38 kg
Combo headphone/mic port	✓	Packaging content	
Number of SATA III connectors	3	Display included *	✗
		Mouse included on selected markets only	✓
		Keyboard included on selected markets only	✓
		Input device model	KB216,MS116
		Cables included	AC



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