



# DELL Precision 3460 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro SFF Workstation Black



**Brand :** DELL

**Product family:** Precision

**Product code:** J4XY9

**Product name :** 3460

- Windows 11 Pro 64-bit
- Intel Core i7-14700 (33MB Cache)
- 16GB DDR5-SDRAM (2 x 8) & 512GB SSD
- Intel Core i7-14700 (33MB Cache), 16GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel UHD Graphics 770, LAN, Windows 11 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: i7-14700. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel UHD Graphics 770. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 300 W. Chassis type: SFF. Product type: Workstation. Weight: 5.38 kg. Product colour: Black

Processor		Ports & interfaces	
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel® Core™ i7	Number of USB ports with PowerShare support	1
Processor generation	Intel® Core™ i7 (14th gen)	DisplayPorts quantity	3
Processor model *	i7-14700	DisplayPort version	1.4
Processor cores	20	Ethernet LAN (RJ-45) ports	1
Processor threads	28	Headphone outputs	1
Processor boost frequency	5.4 GHz	Combo headphone/mic port	✓
Performance cores	8	Number of rear USB ports	6
Efficient cores	12	Number of front USB ports	4
Performance-core Max Turbo Frequency	5.3 GHz	Number of front audio ports	1
Efficient-core Max Turbo Frequency	4.2 GHz	Number of rear audio ports	1
Performance-core base frequency	2.1 GHz	Number of SATA III connectors	3
Efficient-core base frequency	1.5 GHz		
Processor cache	33 MB	Expansion slots	
Processor cache type	Smart Cache	PCI Express x4 (Gen 3.x) slots	1
Number of processors installed	1	PCI Express x16 (Gen 4.x) slots	1
Processor base power	65 W	Design	
Maximum turbo power	219 W	Chassis type *	SFF
Memory		Placement supported	Vertical
Internal memory *	16 GB	Water cooling system	✗
Maximum internal memory *	64 GB	Cable lock slot	✓
Internal memory type	DDR5-SDRAM	Cable lock slot type	Kensington
Memory layout (slots x size)	2 x 8 GB	Product colour *	Black
Memory slots	2x SO-DIMM	Viewing window	✗
ECC	✗	Introduction year	2022
Non-ECC	✓	Performance	
Memory channels	Dual-channel	Market positioning	Business
Memory data transfer rate	5600 MT/s		

<b>Storage</b>		<b>Performance</b>	
Total storage capacity *	512 GB	Motherboard chipset	Intel W680
Storage media *	SSD	Audio system	Waves MaxxAudio
Optical drive type *	DVD±RW	Built-in speaker(s)	✗
Number of storage drives installed	1	Password protection	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Product type *	Workstation
SSD capacity	512 GB	<b>Software</b>	
SSD interface	PCI Express 4.0	Operating system architecture	64-bit
NVMe	✓	Operating system installed *	Windows 11 Pro
SSD form factor	M.2	<b>Power</b>	
SSD performance class	40	Power supply *	300 W
<b>Graphics</b>		Power supply input voltage	90 - 264 V
Discrete graphics card *	✗	Power supply input frequency	47/63 Hz
On-board graphics card *	✓	80 PLUS certification	80 PLUS Platinum
Discrete graphics card model *	Not available	<b>Operational conditions</b>	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	10 - 35 °C
On-board graphics card family	Intel® UHD Graphics	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card model *	Intel UHD Graphics 770	Operating relative humidity (H-H)	20 - 80%
<b>Network</b>		Storage relative humidity (H-H)	5 - 95%
Ethernet LAN *	✓	Operating altitude	0 - 3048 m
Ethernet LAN data rates	10,1000,2500,100 Mbit/s	Non-operating altitude	0 - 10668 m
Wi-Fi *	✗	Operating vibration	0.26 G
Bluetooth	✗	Non-operating vibration	1.37 G
<b>Ports &amp; interfaces</b>		Non-operating shock	105 G
USB 2.0 ports quantity *	4	<b>Weight &amp; dimensions</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Width *	92.6 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Depth *	292.8 mm
USB 3.2 Gen 2x2 Type-C ports quantity	1	Height *	290 mm
		Weight *	5.38 kg
		<b>Packaging content</b>	
		Cables included	AC
		<b>Display</b>	
		Display included *	✗



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