



DELL Precision T5820 i9-10920X Tower Intel® Core™ i9 X-series 32 GB DDR4-SDRAM 1000 GB SSD Windows 10 Pro Workstation Black

Brand : DELL

Product family: Precision

Product code: 5YYXT

Product name : T5820

- Windows 10 Pro 64-bit
- Intel Core i9-10920X (19.25MB Cache, 3.5GHz)
- 32GB (2933MHz) DDR4-SDRAM (2 x 16) & 1000GB SSD
Intel Core i9-10920X (19.25MB Cache, 3.5GHz), 32GB DDR4-SDRAM, 1000GB SSD, DVD±RW, LAN, Windows 10 Pro 64-bit

DELL Precision T5820 i9-10920X Tower Intel® Core™ i9 X-series 32 GB DDR4-SDRAM 1000 GB SSD Windows 10 Pro Workstation Black:

Perfected to your vision.

Expand your ideas with the Precision 5820 Tower. Featuring high performance in a new innovative, versatile compact design that is great for VR and AI.

DELL Precision T5820. Processor frequency: 3.5 GHz, Processor family: Intel® Core™ i9 X-series, Processor model: i9-10920X. Internal memory: 32 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2933 MHz. Total storage capacity: 1000 GB, Storage media: SSD, Optical drive type: DVD±RW. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 950 W. Chassis type: Tower. Product type: Workstation. Product colour: Black



Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x16 slots	5
Processor generation	10th gen Intel® Core™ i9	PCI slots	1
Processor model *	i9-10920X	Design	
Processor family *	Intel® Core™ i9 X-series	Chassis type *	Tower
Processor cores	12	Placement supported	Vertical
Processor frequency *	3.5 GHz	Water cooling system	✗
Processor boost frequency	4.6 GHz	Product colour *	Black
Processor cache	19.25 MB	Intel® vPro™ Platform Eligibility	✗
Number of processors installed	1	Performance	
Number of processors supported	1	Market positioning	Business
Memory		Motherboard chipset	Intel® C422
Internal memory *	32 GB	Audio chip	Realtek ALC3234
Maximum internal memory *	256 GB	Audio system	High Definition Audio
Internal memory type	DDR4-SDRAM	Built-in speaker(s)	✗
Memory layout (slots x size)	2 x 16 GB	Password protection	✓
Memory slots	8x DIMM	Trusted Platform Module (TPM)	✓
Memory clock speed	2933 MHz	Product type *	Workstation
ECC	✗	Software	
Storage		Operating system installed *	Windows 10 Pro
Total storage capacity *	1000 GB	Operating system architecture	64-bit
Storage media *	SSD	Windows 11 free upgrade	✓
Optical drive type *	DVD±RW	Operating system language	Multilingual
Number of storage drives installed	1	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Total SSDs capacity	1000 GB	Processor special features	
Number of SSDs installed	1	Intel 64	✓
SSD capacity	1000 GB	Enhanced Intel SpeedStep Technology	✓
SSD interface	NVMe, PCI Express		
NVMe	✓		

Storage		Processor special features	
SSD form factor	M.2	Embedded options available	✗
SSD performance class	40	Execute Disable Bit	✓
Compatible memory cards	Not supported	CPU configuration (max)	1
RAID support	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
RAID levels	0, 1, 5, 6, 10, 60	Intel Virtualization Technology (VT-x)	✓
Graphics		Power	
Discrete graphics card *	✗	Power supply *	950 W
Discrete graphics card model *	Not available	Power supply input voltage	100 - 240 V
On-board graphics card *	✗	Power supply input frequency	50 - 60 Hz
On-board graphics card model *	Not available	Operational conditions	
Network		Operating temperature (T-T)	5 - 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)	8 - 85%
Cabling technology	10/100/1000Base-T(X)	Storage relative humidity (H-H)	5 - 95%
Wi-Fi *	✗	Weight & dimensions	
Bluetooth	✗	Width *	176.5 mm
Ports & interfaces		Depth *	518.3 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	8	Height *	417.9 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2	Weight *	15.4 kg
PS/2 ports quantity	2	Packaging content	
Ethernet LAN (RJ-45) ports	1	Display included *	✗
Microphone in	✓	Mouse included on selected markets only	✓
Headphone outputs	1	Mouse connectivity	Wired
Line-out	✓	Keyboard included on selected markets only	✓
Line-in	✓	Keyboard connectivity	Wired
Combo headphone/mic port	✓	Input device model	KB216, MS116
Serial ports quantity	1	Cables included	AC
Number of rear USB ports	6	Other features	
Number of front USB ports	4	Harmonized System (HS) code	84715000
Number of front audio ports	2		
Number of rear audio ports	1		



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