



DELL Precision T5820 Intel Xeon W W-2225 32 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro for Workstations Tower Workstation Black



Brand : DELL

Product family: Precision

Product code: 58H31

Product name : T5820

- Windows 10 Pro for Workstations 64-bit
 - Intel Xeon W-2225 (8.25MB Cache, 4.1GHz)
 - 32GB (2933MHz) DDR4-SDRAM (2 x 16) & 512GB SSD
- Intel Xeon W-2225 (8.25MB Cache, 4.1GHz), 32GB DDR4-SDRAM, 512GB SSD, DVD±RW, LAN, Windows 10 Pro for Workstations 64-bit

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DELL Precision T5820. Processor frequency: 4.1 GHz, Processor family: Intel Xeon W, Processor model: W-2225. Internal memory: 32 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2933 MHz. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. Operating system installed: Windows 10 Pro for Workstations, Operating system architecture: 64-bit. Power supply: 950 W. Chassis type: Tower. Product type: Workstation. Product colour: Black

Processor		Design	
Processor manufacturer *	Intel	Water cooling system	✗
Processor family *	Intel Xeon W	Product colour *	Black
Processor model *	W-2225	Intel® vPro™ Platform Eligibility	✓
Processor cores	4	Performance	
Processor boost frequency	4.6 GHz	Market positioning	Business
Processor frequency *	4.1 GHz	Motherboard chipset	Intel® C422
Processor cache	8.25 MB	Audio chip	Realtek ALC3234
Number of processors installed	1	Audio system	High Definition Audio
Number of processors supported	1	Built-in speaker(s)	✗
Memory		Password protection	✓
Internal memory *	32 GB	Trusted Platform Module (TPM)	✓
Maximum internal memory *	512 GB	Product type *	Workstation
Internal memory type	DDR4-SDRAM	Software	
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 10 Pro for Workstations
Memory slots	8x DIMM	Operating system architecture	64-bit
Memory clock speed	2933 MHz	Windows 11 free upgrade	✓
ECC	✓	Operating system language	Multilingual
Storage		Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Total storage capacity *	512 GB	Processor special features	
Storage media *	SSD	Intel 64	✓
Optical drive type *	DVD±RW	Enhanced Intel SpeedStep Technology	✓
Number of storage drives installed	1	Embedded options available	✗
Total SSDs capacity	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	Intel TSX-NI	✓
SSD capacity	512 GB	Idle States	✓
SSD interface	NVMe, PCI Express		
NVMe	✓		
SSD form factor	M.2		

Storage		Processor special features	
SSD performance class	50	Intel Trusted Execution Technology	✓
Compatible memory cards	Not supported	Execute Disable Bit	✓
RAID support	✓	Intel Flex Memory Access	✗
RAID levels	0, 1, 5, 6, 10, 60	Intel Demand Based Switching	✓
Graphics		Intel Software Guard Extensions (Intel SGX)	✗
Discrete graphics card *	✗	CPU configuration (max)	1
On-board graphics card *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Not available	Power	
Network		Power supply *	950 W
Ethernet LAN *	✓	Power supply input voltage	100 - 240 V
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply input frequency	50 - 60 Hz
Cabling technology	10/100/1000Base-T(X)	Operational conditions	
Wi-Fi *	✗	Operating temperature (T-T)	5 - 35 °C
Bluetooth	✗	Storage temperature (T-T)	-40 - 65 °C
Ports & interfaces		Operating relative humidity (H-H)	8 - 85%
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	8	Storage relative humidity (H-H)	5 - 95%
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2	Weight & dimensions	
PS/2 ports quantity	2	Width *	176.5 mm
Ethernet LAN (RJ-45) ports	1	Depth *	518.3 mm
Microphone in	✓	Height *	417.9 mm
Headphone outputs	1	Weight *	15.4 kg
Line-out	✓	Packaging content	
Line-in	✓	Display included *	✗
Combo headphone/mic port	✓	Mouse included on selected markets only	✓
Serial ports quantity	1	Mouse connectivity	Wired
Number of rear USB ports	6	Keyboard included on selected markets only	✓
Number of front USB ports	4	Keyboard connectivity	Wired
Number of front audio ports	2	Input device model	KB216, MS116
Number of rear audio ports	1	Cables included	AC
Expansion slots		Logistics data	
PCI Express x16 slots	5	Harmonized System (HS) code	84715000
PCI slots	1		
Design			
Chassis type *	Tower		
Placement supported	Vertical		



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