



# T1A Lenovo ThinkStation P520 Refurbished Intel Xeon W W-2133 8 GB DDR4-SDRAM 512 GB SSD NVIDIA Quadro P2200 Windows 10 Pro Tower Workstation Black



**Brand :** T1A

**Product code:** D-P520-MU-Z004

**Product name :** Lenovo ThinkStation P520 Refurbished

- Windows 10 Pro 64-bit
- Intel Xeon W-2133 (8.25MB Cache, 3.6GHz)
- NVIDIA Quadro P2200 (5GB)
- 8GB DDR4-SDRAM & 512GB SSD
- Intel Xeon W-2133 (8.25MB Cache, 3.6GHz), 8GB DDR4-SDRAM, 512GB SSD, NVIDIA Quadro P2200 (5GB), LAN, Windows 10 Pro 64-bit

T1A Lenovo ThinkStation P520 Refurbished Intel Xeon W W-2133 8 GB DDR4-SDRAM 512 GB SSD NVIDIA Quadro P2200 Windows 10 Pro Tower Workstation Black:



Windows 10



- You benefit from a refurbished premium product at an attractive price.
- Each product is backed by five ISO Certifications: 9001 for Quality Management, 14001 for Environmental Management, 27001 for Security Management, 37001 for Anti-Bribery Management, and 45001 for Occupational Health and Safety.
- Each unit comes with a pre-installed genuine Microsoft Windows 10, ensuring you a reliable operating system on your refurbished device
- Customer Satisfaction Guarantee. If the product does not live up to the description and your expectations as an end-user, then you have the opportunity to return the product.
- A GDPR compliant data erased product.

Processor		Performance	
Processor manufacturer *	Intel	Audio chip	Realtek ALC662
Processor family *	Intel Xeon W	Audio system	High Definition Audio
Processor model *	W-2133	Password protection	✓
Processor cores	4	Password protection type	Power on
Processor frequency *	3.6 GHz	Trusted Platform Module (TPM)	✓
Processor boost frequency	3.9 GHz	Product type *	Workstation
Processor cache	8.25 MB	<b>Software</b>	
Bus type	QPI	Operating system installed *	Windows 10 Pro
Number of processors installed	1	Operating system architecture	64-bit
<b>Memory</b>		Windows 11 free upgrade	✗
Internal memory *	8 GB	<b>Processor special features</b>	
Maximum internal memory *	256 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Enhanced Intel SpeedStep Technology	✓
Memory slots	8x DIMM	Embedded options available	✗
ECC	✓	Intel VT-x with Extended Page Tables (EPT)	✓
<b>Storage</b>		Intel TSX-NI	✓
Total storage capacity *	512 GB	Idle States	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Optical drive type *	✗	Execute Disable Bit	✓
Total SSDs capacity	512 GB	Intel Flex Memory Access	✗
Number of SSDs installed	1	Intel Enhanced Halt State	✓
SSD capacity	512 GB	Intel Demand Based Switching	✓
<b>Graphics</b>		Intel Software Guard Extensions (Intel SGX)	✗
Discrete graphics card *	✓	CPU configuration (max)	1
Discrete graphics card model *	NVIDIA Quadro P2200	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	5 GB	Intel Identity Protection Technology version	1.00
<b>Network</b>			
Ethernet LAN *	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		

<b>Network</b>		<b>Processor special features</b>	
Cabling technology	10/100/1000Base-T(X)	Intel Secure Key Technology version	1.00
LAN controller	Intel® I219-LM	Intel Virtualization Technology (VT-x)	✓
Wake-on-LAN ready	✓	Intel TSX-NI version	1.00
<b>Ports &amp; interfaces</b>		Conflict-Free processor	✓
USB 2.0 ports quantity *	2	<b>Power</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	8	80 PLUS certification	80 PLUS Platinum
DVI port	✗	<b>Operational conditions</b>	
PS/2 ports quantity	2	Operating temperature (T-T)	10 - 35 °C
Ethernet LAN (RJ-45) ports	1	Storage temperature (T-T)	-10 - 60 °C
Microphone in	✓	Operating relative humidity (H-H)	10 - 80%
Line-out	✓	Storage relative humidity (H-H)	10 - 90%
Line-in	✓	Operating altitude	-15.2 - 3048 m
Combo headphone/mic port	✓	Non-operating altitude	-15.2 - 10668 m
<b>Design</b>		<b>Weight &amp; dimensions</b>	
Chassis type *	Tower	Width *	165 mm
Volume	33 L	Depth *	460 mm
Placement supported	Vertical	Height *	440 mm
Cable lock slot	✓	<b>Packaging content</b>	
Cable lock slot type	Kensington	Display included *	✗
Product colour *	Black		
Viewing window	✗		
Refurbished	✓		
<b>Performance</b>			
Motherboard chipset	Intel® C422		



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