



# Lenovo ThinkStation P8 AMD Ryzen Threadripper PRO 7945WX 64 GB DDR5-SDRAM 2 TB SSD NVIDIA T1000 Windows 11 Pro Tower Workstation Black

Brand : Lenovo

Product family: ThinkStation

Product code: 30HH002XUS

Product name : P8

- Windows 11 Pro

- AMD Ryzen Threadripper PRO 7945WX (64MB Cache, 4.7GHz)

- 64GB (4800MHz) DDR5-SDRAM (4 x 16) & 1000GB SSD

AMD Ryzen Threadripper PRO 7945WX, 4x 16 GB RDIMM DDR5, 1x 2 TB SSD M.2, TF, 1x NVIDIA T1000

8GB, Wi-Fi, Bluetooth, RJ-45, USB, USB-C, 3.5 mm, 175 x 508 x 434.4 mm, Windows 11 Pro, English

Lenovo ThinkStation P8. Processor frequency: 4.7 GHz, Processor family: AMD Ryzen Threadripper PRO,

Processor model: 7945WX. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM, Memory clock

speed: 4800 MHz. Total storage capacity: 2 TB, Storage media: SSD, Card reader integrated. Discrete

graphics card model: NVIDIA T1000. Operating system installed: Windows 11 Pro. Power supply: 1400 W.

Chassis type: Tower. Product type: Workstation. Product colour: Black

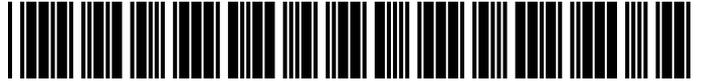


Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 3.2 Gen 2x2 Type-C ports quantity	3
Processor family *	AMD Ryzen Threadripper PRO	Ethernet LAN (RJ-45) ports	2
Processor generation	AMD Ryzen Threadripper PRO 7000 WX-Series	Line-out	✓
Processor model *	7945WX	Line-in	✓
Processor cores	12	Combo headphone/mic port	✓
Processor threads	24	Number of rear USB ports	6
Processor boost frequency	5.3 GHz	Number of front USB ports	4
Processor frequency *	4.7 GHz	Number of rear audio ports	2
Processor cache	64 MB		
Processor cache type	L3		
Number of processors installed	1		
Processor socket	Socket sTR5		
Memory		Design	
Internal memory *	64 GB	Chassis type *	Tower
Maximum internal memory *	1 TB	Volume	39 L
Internal memory type	DDR5-SDRAM	Placement supported	Horizontal/Vertical
Memory layout (slots x size)	4 x 16 GB	Cable lock slot	✓
Memory slots	8x DIMM	Cable lock slot type	Kensington
Memory clock speed	4800 MHz	Product colour *	Black
ECC	✓		
Memory channels	Octa-channel		
		Performance	
		Motherboard chipset	AMD WRX90
		Audio chip	Realtek ALC897-Q
		Audio system	High Definition Audio
		Built-in speaker(s)	✓
		Number of speakers	1

<b>Storage</b>		<b>Performance</b>	
Total storage capacity *	2 TB	Password protection	✓
Storage media *	SSD	Password protection type	BIOS, Power on, Supervisor
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Number of storage drives installed	1	Product type *	Workstation
Total SSDs capacity	2 TB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	<b>Software</b>	
SSD capacity	2 TB	Operating system language	English
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Pro
NVMe	✓	<b>Power</b>	
SSD form factor	M.2	Power supply *	1400 W
Card reader integrated	✓	80 PLUS certification	80 PLUS Platinum
<b>Graphics</b>		<b>Operational conditions</b>	
Discrete graphics card *	✓	Operating temperature (T-T)	10 - 35 °C
On-board graphics card *	✗	Storage temperature (T-T)	-40 - 60 °C
Discrete graphics card model *	NVIDIA T1000	Operating relative humidity (H-H)	20 - 80%
Discrete graphics card memory	8 GB	Storage relative humidity (H-H)	10 - 90%
On-board graphics card model *	Not available	Operating altitude	0 - 3048 m
<b>Network</b>		Non-operating altitude	0 - 12192 m
Ethernet LAN *	✓	<b>Certificates</b>	
Ethernet LAN data rates	1000,10000 Mbit/s	Compliance certificates	RoHS
Cabling technology	10/100/1000Base-T(X)	<b>Sustainability</b>	
LAN controller	Marvell AQC113, Realtek RTL8111EP	Sustainability certificates	ENERGY STAR, EPEAT Gold, GREENGUARD, TCO
Wi-Fi *	✓	<b>Weight &amp; dimensions</b>	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Width *	175 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Depth *	508 mm
WLAN controller manufacturer	AMD	Height *	434.4 mm
WLAN controller model	AMD RZ616	Weight *	22.7 kg
Antenna type	2x2	<b>Packaging content</b>	
Bluetooth	✓	Mouse included	✓
Bluetooth version	5.3	Mouse connectivity	Wired
<b>Ports &amp; interfaces</b>		Keyboard included	✓
USB 2.0 ports quantity *	2	Keyboard connectivity	Wired
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5	<b>Display</b>	
		Display included *	✗



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