ThinkStation P620 30E000E1US

PSREF
Product Specifications Reference

PERFORMANCE

Processor
AMD Ryzen™ Threadripper PRO 3945WX (12C / 24T, 4.0 / 4.3GHz, 6MB L2 / 64MB L3)

Processor Sockets
1x Socket SP3

Discrete Graphics
NVIDIA® RTX A5000 24GB

Chipset
AMD WRX80

Memory
2x 16GB RDIMM DDR4-3200 ECC

Memory Slots
8 DDR4 DIMM slots, 8 channels capable

Max Memory
Up to 1TB (8x 128GB DDR4-3200 RDIMMs)

M.2 SSD RAID Controller
Integrated NVMe controller

M.2 SSD Drive
1x 2TB SSD M.2 2280 PCIe 4.0 NVMe Opal

HDD Controller
Integrated SATA controller

Internal Disk Drive
None

Storage Support
Up to 5x 3.5" SATA HDD + 9x M.2 SSD
• 3.5" HDD up to 4TB each
• M.2 SSD up to 2TB each

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC4050H codec

Power Supply
1000W Platinum Fixed

DESIGN

Keyboard
USB Traditional Keyboard, Black, English

Mouse
USB Calliope Mouse

Expansion Slots
- Two PCIe 4.0 x8
- Four PCIe 4.0 x16

M.2 Slots
Up to 11x M.2 SSD:
• 2 via onboard slots
• 8 via Quad M.2 to PCIe adapters (only supports PCIe 3.0 SSD)
• 1 via Single M.2 to PCIe adapter (only supports PCIe 3.0 SSD)

Bays
- 3x 3.5" disk bay (optional):
  2 bays come with 3rd disk or Storage Bay Upgrade Kit
  1 bay via flex bay
- 2x 3.5" disk bay (standard)

Flex Bays
1x flex bay, supports one of the following:
• Front Access Storage Enclosure
• 5.25" Slim ODD and HDD cage

Dimensions (WxDxH)
165 x 460 x 446 mm (6.5 x 18.1 x 17.6 inches, with feet)

Weight
24 kg (52.91 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet
Marvell AQtion AQN-107, 1x 10GbE RJ-45

Optional Ethernet
None

WLAN + Bluetooth®
None

Card Reader
15-in-1 Card Reader

Front Ports
- 1x headphone / microphone combo jack (3.5mm)
- 1x USB 3.2 Gen 2
- 2x USB-C 3.2 Gen 2
- 1x USB 3.2 Gen 2 (Always On and fast charge)

Rear Ports
- 1x line-in (3.5mm)
- 4x USB 3.2 Gen 2
- 2x PS/2 ports (keyboard / mouse)
- 2x USB 2.0
- 1x Ethernet (10GbE RJ-45)
- 1x microphone (3.5mm)
- 1x line-out (3.5mm)

Optional Rear Ports (configured)
None

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified

Physical Locks
- Access Panel Lock Kit with Common Key
- Kensington® Security Slot

Cover Lock
Lock Kit with Common Key

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management
AMD PRO

Diagnostic
Front 4-Digit Diagnostic LED

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
3Y Premier Support Upgrade from 3Y Onsite (5WS0U26649)

CERTIFICATIONS

Green Certifications
- GREENGUARD®
- EPEAT™ Silver
- ENERGY STAR® 8.0 (on model 30E00006US)
- RoHS compliant

ISV Certifications
Please visit www.thinkworkstations.com/isv-certifications/

SOFTWARE

Operating System
Windows® 10 Pro 64, English

Bundled Software
None

MODEL

TopSeller	: Yes	Announce Date	: 2021-07-29
EAN / UPC / JAN	: 196118375656	End of Support	: 2028-10-04

· Product image on this page is a sample, it may not match the real color of this model

Premier Support - **A direct 24x7x365 line to our most elite technicians.**

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

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Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - **Protection of your PC from the unexpected.**

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - **Included with the systems you purchase, default 1- or 3-year coverage window.**

Warranty Extensions & Upgrades - **Service and protection that's right for your circumstances.**

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories

Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XE0N80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

Lenovo 500 FHD Webcam

4XC0V13599

A USB Video Class (UVC) compliant video camera designed for teleconferencing applications on desktop or laptop. It's a reliable digital video device to transfer video data with HD quality through a high-speed USB inte...

For a full list of accessories and services, please visit:
https://smartfind.Lenovo.com

PSREF
Product Specifications Reference