ThinkStation P620 30E0001DGE

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 sWRX4

Discrete Graphics
NVIDIA® Quadro® RTX 4000 8GB

Chipset
AMD WRX80

Memory
2x 16GB RDIMM DDR4-3200 ECC

Memory Slots
8 DIMM sockets with 8 channels

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

M.2 SSD RAID Controller
Integrated NVMe controller

M.2 SSD Drive
1x 512GB SSD M.2 2280 PCIe 3.0 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
9.0mm DVD±RW

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

Power Supply
1000W Platinum Fixed

DESIGN

Keyboard
USB Traditional Keyboard, Black, German

Mouse
USB Calliope Mouse

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

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
4x 3.5" disk bays

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
1x 10GbE RJ-45

Optional Ethernet
None

WLAN + Bluetooth™
Intel® 9260 11ac, 2x2 + BT5.1

Card Reader
None

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

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

Optional Rear Ports
None

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified

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

Cover Lock
Lock Kit with Unique 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
- EPEAT™ Silver
- ENERGY STAR® 8.0 (On model 30E00006US)
- GREENGUARD®
- RoHS

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

SOFTWARE

Operating System
Windows® 10 Pro 64, German

Bundled Software
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2020-09-04
EAN / UPC / JAN	: 0195348195560	**End of Support**	: 2028-10-04

The product image is a sample, it may not match the real color of this model
For a full list of this model's configurations and device specifications, please visit: **https://psref.Lenovo.com**

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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.

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- Replaceable Unit Service
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Recommended Accessories



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...



Lenovo USB Soundbar

0A36190

The Lenovo USB Soundbar allows you to add stereo sound to your compatible Lenovo ThinkVision Monitor without having to sacrifice valuable desk space. The stylish Lenovo USB Soundbar is an excellent choice for adding ...

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