ThinkStation P620 30E00147MZ

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor
AMD Ryzen™ Threadripper PRO 5945WX (12C / 24T, 4.1 / 4.5GHz, 6MB L2 / 64MB L3)

Processor Sockets
1x sWRX8

Discrete Graphics
1x NVIDIA® RTX A2000 12GB

Chipset
AMD WRX80 Chipset

Memory
2x 16GB RDIMM DDR4-3200 ECC

Memory Slots
8 DDR4 DIMM slots, 8 channels capable

Max Memory[1]
Up to 512GB (8x 64GB or 4x 128GB)

PCIe® NVMe® Controller
Integrated NVMe Controller

PCIe NVMe Drive
1x 1TB SSD M.2 2280 4.0x4 NVMe Opal

SATA Controller
Integrated SATA Controller

Storage Support[2]
Up to 5x 3.5" SATA HDD + 11x M.2 SSD
• 3.5" HDD up to 4TB each
• Onboard M.2 SSD up to 4TB each
• M.2 SSD by M.2 to PCIe adapter up to 2TB

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

Power Supply
1000W Platinum Fixed

DESIGN

Keyboard
USB Traditional Keyboard, Black, Swiss

Mouse
USB Calliope Mouse, Black

Expansion Slots
Supports 6 PCIe slots with 4x PCIe 4.0 x16 slots plus 2x PCIe 4.0 x8 slots.
• Slot 1: PCIe 4.0 x16, full height, full length, 75W, double-width, by CPU
• Slot 2: PCIe 4.0 x8, full height, full length, 25W, by CPU
• Slot 3: PCIe 4.0 x16, full height, full length, 75W, double-width, by CPU
• Slot 4: PCIe 4.0 x16, full height, full length, 75W, by CPU
• Slot 5: PCIe 4.0 x16, full height, full length, 75W, by CPU
• Slot 6: PCIe 4.0 x8, full height, full length, 25W, by IOH

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

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

Dimensions (WxDxH)[3]
165 x 455x 446 mm (6.5 x 17.9 x 17.6 inches)

Weight[4]
24 kg (52.91 lbs, maximum configuration)

CONNECTIVITY

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

Card Reader
15-in-1 Card Reader

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

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

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Physical Locks
- Access panel lock kit with common key
- Kensington® Security Slot™, 3 x 7 mm

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 TS WHB (CPN)

CERTIFICATIONS

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

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

SOFTWARE

Operating System
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

MODEL

TopSeller	: Yes	**Announce Date**	: 2022-06-21
EAN / UPC / JAN	: 0196801689671	**End of Support**	: N/A

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/1485?M=30E00147MZ

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
- Comprehensive hardware & OEM software support
- Priority on service delivery and repair parts
- Single point of contact for simplified end-to-end case management
- 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...

Recommended Services

BEST	4Y Premier Support Plus (5WS1L39074)
BETTER	3Y Prermier Support Plus (5WS1L39415)
GOOD	3Y Keep Your Drive (5PS0L20549)

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

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Product Specifications Reference