

# ThinkStation P620

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

AMD Ryzen™ Threadripper PRO 5955WX (16C / 32T, 4.0 / 4.5GHz, 8MB L2 / 64MB L3)

#### Processor Sockets

1x sWRX8

#### Discrete Graphics

1x NVIDIA® RTX 4000 Ada Generation 20GB

#### Chipset

AMD WRX80 Chipset

#### Memory

2x 32GB RDIMM DDR4-3200 ECC

#### Memory Slots

8 DDR4 DIMM slots, 8 channels capable

#### Max Memory<sup>[1]</sup>

Up to 1TB (8x 128GB RDIMM)

#### PCIe® NVMe® Controller

Integrated NVMe® Controller

#### PCIe® NVMe® Drive

1x 1TB SSD M.2 2280 4.0x4 NVMe® Opal

#### SATA Controller

Integrated SATA Controller

#### SATA/SAS Drive

None

#### Storage Support<sup>[2]</sup>

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

#### Optical

None

#### 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, 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

#### 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)<sup>[3]</sup>

165 x 455x 446 mm (6.5 x 17.9 x 17.6 inches)

#### Weight<sup>[4]</sup>

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

- 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)

#### Optional Front Ports (configured)

None

#### 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)

#### Optional Rear Ports (configured)

None

### 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/](http://www.thinkworkstations.com/isv-certifications/)

### SOFTWARE

#### Operating System

Windows® 11 Pro, German

#### Bundled Software

None

### MODEL

**TopSeller** : Yes **Announce Date** : 2024-10-15  
**EAN / UPC / JAN** : 0198155590429 **End of Support** : 2028-10-04

Note:

[1] The max memory is based on the test results with current Lenovo memory offerings.

[2] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/1485?M=30E0017QGE>

## 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## Recommended Accessories

### Lenovo USB-C to Ethernet Adapter

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

## Recommended Services

BEST	4Y Premier Support Plus (5WS1L39074)
BETTER	3Y Premier Support Plus (5WS1L39415)
GOOD	3Y Keep Your Drive (5PSOL20549)

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

**PSREF**  
Product Specifications  
Reference