

# ThinkStation P7

This powerful entry-level workstation with a scalable architecture and equipped with Intel Xeon Series processor exceeds everyday computing experience. With up to 1TB ultrafast DDR5-4800 memory, it promises speedy upgrades and load times for data-rich files or gaming apps. Configure it to suit your business needs by selecting from a list of discrete NVIDIA graphics, optional OS including windows 11 or Red Hat Enterprise Linux, and up to 9x M.2 SSD drives.



A self-healing BIOS provides a secure backup, and restores the data and device in case of malicious ransomware attacks. TPM 2.0 encrypts data, passwords end-to-end while Kensington security slot and optional access panel lock kit protect the device physically.

Up to 9x high-speed PCIe expansion slots means countless customization options – connect a graphics card for online gaming, or a Wi-Fi network card for added functionalities.

Optional EPEAT Gold and Optional ENERGY STAR 8.0 certification means it is an energy efficient device.

**Professional machines for  
advanced users**

## Lenovo services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



### On-site Service

If a problem can't be fixed remotely, we will visit your location  
Normally next business day service  
Agreed appointment times

## Accessories

### Lenovo Essential Compact Wireless Mouse

Compact and easy to carry, weighs just under 50g (1.76oz)  
Ergonomic and ambidextrous design with 3 buttons  
Highly durable design, tested to last up to 8 million clicks



PN: 4Y50R20864 – (with battery) 4Y50R20865 – (w/o battery)

### Lenovo Essential Wireless Keyboard & Mouse Combo

Simple design that is comfortable for all day use and tough enough to handle spills  
Convenient and easy to use wireless connection  
Quality typing experience with quiet key strokes and a full-size number pad



PN: 4X30M39458 - US English

# ThinkStation P7

## Key Specifications

|                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Processor</b><br>Up to one Intel Xeon W-3400 Series                                                                                                                                                                                               |
| <b>Operating System</b><br>Windows 11 Pro for Workstations, Windows 11 DG Windows 10 Pro 64 for Workstations, Red Hat Enterprise Linux (certified only)                                                                                              |
| <b>Max Graphics</b><br>Supports up to three NVIDIA RTX 6000 Ada Generation                                                                                                                                                                           |
| <b>Memory</b><br>Up to 1TB, 8 DDR5 DIMM slots                                                                                                                                                                                                        |
| <b>Max Storage Drives</b><br>Up to 11 drives (3x 3.5" SATA HDD + 8x M.2 SSD) or 9 drives (9x M.2 SSD) · 3.5" HDD up to 12TB each<br>· M.2 SSD up to 4TB or 2TB each<br>· RAID 0/1/10/5 support for M.2 SSD<br>· RAID 0/1/5 support for 3.5" HDD      |
| <b>Storage Types Supported</b><br>Up to 11 drives (3x 3.5" SATA HDD + 8x M.2 SSD) or 9 drives (9x M.2 SSD) · 3.5" HDD up to 12TB each<br>· M.2 SSD up to 4TB or 2TB each<br>· RAID 0/1/10/5 support for M.2 SSD<br>· RAID 0/1/5 support for 3.5" HDD |
| <b>Storage Controllers</b><br><i>HDD Controllers</i><br>Broadcom MegaRAID 9560-16i RAID Controller<br>Onboard Intel RSTe SATA<br><i>M.2 SSD Controllers</i><br>Integrated NVMe Controller, non-RAID                                                  |
| <b>Diagnostic Panel</b><br>Front Diagnostic Panel with QR code                                                                                                                                                                                       |
| <b>Power Supply</b><br><i>One of the following</i><br>1000W Platinum Fixed   1400W Platinum Fixed                                                                                                                                                    |
| <b>Dimensions</b><br>175 x 508x 440.4 mm (6.9 x 20 x 17.3 inches, with feet)                                                                                                                                                                         |
| <b>Weight</b><br>24.5 kg (50.0 lbs, maximum configuration)                                                                                                                                                                                           |

## Green Certifications

Optional EPEAT Gold, Optional ENERGY STAR 8.0, TCO Certified 9.0, RoHS compliant

## Connectivity

|                                                                                                                                                                                                        |
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| <b>Front I/O</b><br>2x USB 3.2 Gen 2, Optional 2x USB-C 3.2 Gen 2, Optional 1x headphone / microphone combo jack (3.5mm)                                                                               |
| <b>Rear I/O</b><br>1x USB-C 3.2 Gen 2x2, 2x USB 2.0, 3x USB 3.2 Gen 2, 1x Ethernet (10GbE RJ-45), 1x Ethernet (GbE RJ-45), 1x line-in (3.5mm), Optional 1x line-out (3.5mm)1x serial, Optional 2x PS/2 |
| <b>Optional Front Ports</b><br>2x USB-C 3.2 Gen 2 + 2x USB 3.2 Gen 2                                                                                                                                   |
| <b>Optional Rear Ports</b><br>1x Serial                                                                                                                                                                |
| <b>WLAN + Bluetooth</b><br>Intel Wi-Fi 6E AX210, 11ax 2x2 + BT5.1, vPro                                                                                                                                |

## Security & Privacy

Chassis Intrusion Switch  
Lock Kit with Common Key  
Lock Kit with Unique Key  
Discrete TPM 2.0, TCG certified  
Optional Access Panel Lock Kit with Common Key  
Optional Access Panel Lock Kit with Unique Key  
Chassis intrusion switch  
Kensington Security Slot, 3 x 7 mm

## Manageability

Intel vPro Enterprise with Intel AMT16