The bold Lenovo ThinkStation P8 is a force to be reckoned with and brings together breakthrough compute architecture with an optimized thermal design in a versatile, Aston Martin inspired chassis. The ThinkStation P8 is the leading AMD Ryzen™ Threadripper™ PRO 7000 WX-Series processor powered workstation delivering game-changing power and speed with the largest core count professional workstation up to 96 cores and 5.3GHz. Perfect for those who demand more power for multi-threaded applications and intense (high demand) workloads with professional manageability and enterprise-class services & support.
**Lenovo ThinkStation P8**
**AMD Ryzen Threadripper PRO 7000 WX-Series Processor**

### Product Specifications

#### Performance

**Processor**
- AMD Ryzen™ Threadripper™ Pro 7000 WX-Series (up to 96 cores, up to 5.3GHz)

**Chipset**
- AMD WRX90

**Graphics**
- NVIDIA
  - Up to 3 NVIDIA RTX™ 6000 Ada (48GB VRAM)
  - Up to 4 NVIDIA RTX A4000 (16GB VRAM)
- AMD
  - Up to AMD Radeon PRO W7900 (48GB VRAM) or
  - Up to 4 AMD Radeon PRO W7600 (8GB VRAM)

**Total Memory**
- Up to 1TB DDR5, up to 4800MHz

**Memory DIMM Capacity**
- 16GB / 32GB / 64GB ECC RDIMM
- 128GB ECC 3DS-RDIMM
- 8 DIMM Slots

**Storage Type Capacity**
- M.2 PCIe NVMe SSD up to 4TB
- U.3 PCIe NVMe SSD up to 15.3TB
- 3.5” SATA HDD up to 12TB

**Total Storage**
- Up to 7 total drives
  - Max M.2 = 4 (16TB)
  - Max 3.5” = 3 (36TB)
- Up to 9 total drives
  - Max M.2 = 8 (32TB)
  - Max 3.5” = 1 (12TB)

**RAID**
- M.2 = 0/1/10/5
- SATA = 0/1/5

**Power Supply**
- 1000W, 1400W (92% efficient)

#### Connectivity

**Front Ports**
- (1) Audio Combo Jack

**Optional Front Ports**
- (2) USB-C® 3.2 Gen 2 (10Gbps)*
- (2) USB-A 3.2 Gen 2 (10Gbps)*

**Rear Ports**
- (2) USB-A 2.0*
- (3) USB-A 3.2 Gen 2 (10Gbps)*
- (1) USB-C 3.2 Gen 2x2 (20Gbps)*
- (1) RJ-45 10 Gigabit Ethernet
- (1) RJ-45 Gigabit Ethernet
- (1) Audio Line In
- (1) Audio Line Out

**Optional Rear Ports**
- (1) Serial

**WLAN**
- Mediatek RZ616 WiFi 6E + Bluetooth™ 5.2
- Integrated Wi-Fi Antennas

**Expansion Slots**
- (4) PCIe 5.0 x16
- (2) PCIe 5.0 x8
- (1) PCIe 4.0 x8

**Expansion Options**
- PS/2
- USB-C
- LAN

**Front Access Storage**

#### Design

**Dimensions (WxDxH)**
- (mm): 175 x 508 x 435
- (inches): 6.9 x 20 x 17.1

**Weight**
- Up to 25.9kg (57.1lbs)

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1. 1TB available depending on configuration
2. Any combination of storage to equal maximum storage drives; additional hardware may be required
3. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation
4. Optional, additional hardware may be required

* For a full list of configuration details, specifications, and any limitations please visit: [https://pșref.lenovo.com](https://pșref.lenovo.com)

* USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.
**Lenovo ThinkStation P8**
AMD Ryzen Threadripper PRO 7000 WX-Series Processor

### General Specifications

<table>
<thead>
<tr>
<th>Software</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating System</strong></td>
<td><strong>ThinkShield</strong></td>
</tr>
<tr>
<td>Preloaded</td>
<td>TPM 2.0</td>
</tr>
<tr>
<td>Windows 11 Pro</td>
<td>Self-healing BIOS</td>
</tr>
<tr>
<td>Ubuntu® Linux®</td>
<td>Power On Password</td>
</tr>
<tr>
<td><strong>Supported</strong></td>
<td>UEFI Secure Boot</td>
</tr>
<tr>
<td>Red Hat® Enterprise Linux® (certified)</td>
<td>Kensington Lock Slot</td>
</tr>
<tr>
<td><strong>Windows Preloads</strong></td>
<td>Side Door Cover Lock</td>
</tr>
<tr>
<td>Lenovo Commercial Vantage</td>
<td></td>
</tr>
<tr>
<td><strong>ISV Certifications</strong></td>
<td></td>
</tr>
<tr>
<td>Including AVID®, Altair®, Autodesk®, ANSYS®, Bentley®, Dassault®, Nemetschek®, PTC®, Siemens®</td>
<td></td>
</tr>
</tbody>
</table>

For a complete list of ISV certifications visit [http://www.thinkworkstations.com/isv-certifications/](http://www.thinkworkstations.com/isv-certifications/)

**Sustainability**

<table>
<thead>
<tr>
<th>Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENERGY STAR®²</td>
</tr>
<tr>
<td>EPEAT® Gold</td>
</tr>
<tr>
<td>RoHS Compliant</td>
</tr>
<tr>
<td>TCO 9.0</td>
</tr>
<tr>
<td>80 Plus Platinum power supply</td>
</tr>
</tbody>
</table>

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**Recommended Services**

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkStation investment—so you can focus on your business, not your IT.

**Premier Support**
Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

**Warranty Extensions (1 to 5 years total duration)**
This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

**Warranty Upgrades—Onsite and Next Business Day**
Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

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¹ Select Versions Available Via Preload
² Certification Available on Select Models
³ Certification Available on Select Models; EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country

For a full list of configuration details please visit [https://psref.lenovo.com](https://psref.lenovo.com)

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