The pinnacle of Lenovo technology, the ThinkStation PX goes beyond the limits of desktop performance to enable even the most extreme workflows. Featuring a thermally advanced, rack-optimized chassis co-designed with Aston Martin, the latest dual 4th Gen Intel® Xeon® Scalable processors, up to 120 cores, and support for up to four NVIDIA RTX™ 6000 Ada Generation GPUs, this workstation powerhouse runs the most complex computing workloads seamlessly—whether desk-side or in a data center.

**Processor:**
- **Dual CPUs 120 Cores**
  - 4th Gen Intel Xeon Scalable processors

**Graphics:**
- **4 NVIDIA RTX 6000 Ada**
  - Each with 48GB VRAM*

**ECC Memory:**
- **2TB DDR5**
  - 16 DIMM Slots

**Internal Storage:**
- **60TB**
  - Up to 9 Total Drives
### Lenovo ThinkStation PX

**Product Specifications**

#### Performance

**Processor**
Dual 4th Gen Intel® Xeon® Scalable processors (up to 120 cores, 60 cores per CPU, up to 4.1GHz)

**Chipset**
Intel C741

**Graphics**
Up to 4 NVIDIA RTX™ 6000 Ada

**Total Memory**
Up to 2TB DDR5 4800MHz<sup>2</sup>

**Memory DIMM Capacity**
16GB / 32GB / 64GB / 128GB ECC

**Storage Type Capacity**
- M.2 PCIe NVMe SSD up to 4TB
- 3.5" SATA HDD up to 12TB

**Total Storage**
Up to 9 total drives
- Max M.2 = 7 (28TB)
- Max 3.5" = 2 (24TB)
- Or
- Up to 7 total drives
- Max M.2 = 3 (12TB)
- Max 3.5" = 4 (48TB)

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

**Power Supply**
1850W (92% efficient)

#### Connectivity

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

**Rear Ports**
- (2) USB 2.0**
- (4) USB-A 3.2 Gen 1 (5Gbps)**
- (1) USB-C 3.2 Gen 2x2 (20Gbps)**
- (1) RJ-45 Gigabit Ethernet
- (1) RJ-45 10 Gigabit Ethernet
- (1) Line in
- (1) Line out

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

**WLAN**
- Intel AX210 AC Wi-Fi 6E 2x2 + Bluetooth™ 5.2, Intel vPro<sup>5,6</sup>
- Internal Wi-Fi Antennas<sup>6</sup>

**Expansion Slots**
- **Dual Processor Systems:**
  (4) PCIe 5.0 x16
  (4) PCIe 4.0 x16
  (1) PCIe 4.0 x8

- **Single Processor Systems:**
  (2) PCIe 5.0 x16
  (2) PCIe 4.0 x16

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

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<sup>1</sup> Depending on drive configuration

<sup>2</sup> 4800MHz max speed; available depending on configuration

<sup>3</sup> Any combination of storage to equal maximum storage drives; additional hardware may be required

<sup>4</sup> Configuration dependent; up to 2350W with dual PSU

<sup>5</sup> Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

<sup>6</sup> Optional, additional hardware may be required

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

* NVIDIA RTX Ada Graphics Available Summer 2023

* 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.
**Software**

**Operating System**

**Preloaded:**
- Windows 11 Pro for Workstation
- Windows 10 Pro for Workstation (pre-installed through downgrade rights in Windows 11 Pro)
- Ubuntu® Linux*[^1]

**Supported:**
- Windows 10 Enterprise Edition
- Red Hat® Enterprise Linux® (certified)

**Windows Preloads**
- Lenovo Commercial Vantage

**ISV Certifications[^2]**
- Including AVID®, Altair®, Autodesk®, ANSYS®, Bentley®, Dassault®, Nemetschek®, PTC®, Siemens®

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

**Security**

**ThinkShield**
- TPM 2.0
- Self-healing BIOS
- Power On Password
- UEFI Secure Boot
- Kensington Secure Boot

**Sustainability**

**Certifications**
- ENERGY STAR®[^2]
- RoHS Compliant
- TCO 9.0
- 80 Plus Platinum power supply

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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)