The Lenovo ThinkStation P3 Ultra features a revolutionary form factor that is redefining the power of small. With the latest Intel vPro® with 13th Gen Intel® Core™ processors, up to NVIDIA RTX™ 4000 SFF Ada graphics, super-fast memory, and cutting-edge storage, this workstation breaks new ground by delivering superior performance and flexibility in a chassis less than four liters in total volume.
# Lenovo ThinkStation P3 Ultra

## Product Specifications

### Performance
- **Processor**
  - Intel vPro® with 13th Gen Intel® Core™ i3, i5, i7, i9 (up to 24 cores, up to 5.8GHz)
- **Chipset**
  - Intel W680
- **Graphics**
  - Discrete: Up to NVIDIA RTX 4000 SFF Ada 20GB GDDR6 Memory
  - Processor Integrated: Intel UHD Graphics 770
- **Total Memory**
  - Up to 128GB DDR5, 5600MHz
- **Memory DIMM Capacity**
  - 16GB / 32GB ECC
  - 8GB / 16GB / 32GB non-ECC
  - 4 SoDIMM Slots
- **Storage Type Capacity**
  - M.2 PCIe NVMe SSD up to 4TB
  - 2.5” SATA HDD up to 1TB
- **Total Storage**
  - Up to 3 total drives
  - Max M.2 = 2 (8TB)
  - Max 2.5” = 1 (1TB)
- **RAID**
  - M.2 = 0/1
- **Power Supply**
  - 170W Slim, 230W, 300W 90% efficient

### Design
- **Dimensions (WxDxH)**
  - (mm): 87 x 223 x 202
  - (inches): 3.4 x 8.7 x 7.9
- **Weight**
  - Starting at: 3.96lbs (1.8kg)

### Connectivity
- **Front Ports**
  - (1) USB-A 3.2 Gen 2 (10Gbps)
  - (2) Thunderbolt™ 4 Type-C (40Gbps)
  - (1) Audio Combo Jack
- **Rear Ports**
  - (4) USB-A 3.2 Gen 2 (10Gbps)
  - (3) DisplayPort™
  - (1) 2.5Gb Ethernet
  - (1) 1Gb Ethernet
- **WLAN**
  - Intel WiFi 6E AX211 2*2ax + Bluetooth 5.3 vPro™
- **Expansion Slots**
  - (1) PCIe 4.0 x 16
  - (1) PCIe 3.0 x 8 (x 4 lanes)
- **Expansion Options**
  - Serial/DP/HDMI/TypeC+DP/USB/LAN/VGA

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1 Memory spec frequency listed; system support frequency may vary by configuration
2 Any combination of storage to equal maximum storage drives
3 Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitation.
4 6GHz WiFi 6E operation is dependent on the support of the operating system, routers/APs/gateways that support WiFi 6E, along with the regional regulatory certifications and spectrum allocation.
5 Optional, additional hardware may be required

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### ISV Certifications
Certified by leading industry software application vendors for seamless application use

### Redefining the Power of Small
Full performance in a 3.9L compact form factor

### 3 DisplayPort™ standard
Offering support for up to 8 displays

### Legendary Reliability
Tested to over 200 quality checks

### Smarter technology for all

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* For a full list of configuration details, specifications, and any limitations please visit: [https://pset.lenovo.com](https://pset.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 P3 Ultra

**General Specifications**

### Software

**Operating System**
- Windows 11 Pro
- Windows 11 Home
- Windows 10 Pro (preinstalled through downgrade rights in Windows 11 Pro)
- Ubuntu® Linux®
- Red Hat® Enterprise Linux® (certified)

### Windows Preloads

Lenovo Commercial Vantage

### ISV Certifications

Including AVID®, Altair®, Autodesk®, ANSYS®, Bentley®, Dassault®, Nemetschek®, PTC®, Siemens®, Barco®, McKesson®

For a complete list of ISV certifications visit https://thinkworkstations.com/

### Security

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

### Sustainability

**System**
- 85% PCC recycled plastic in Front, Rear Bezel
- 35% PCC recycled plastic inside chassis

**Packaging**
- Carton: 90% Recycled and/or FSC certified content
- Cushion: 90% Recycled EPE

**Certifications**
- ENERGY STAR®
- EPEAT® Gold
- RoHS Compliant
- TCO 9.0

### 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. Available on select models
3. Packaging composed of recycled, and/or biobased, and/or sustainably forested content.
4. Certification available on select models
5. 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

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For more details on ThinkStation and ThinkPad, please visit: lenovo.com/workstations

Visit us on social media: #lenovoworkstations

Scan for system overview, supported components, and technical specifications.

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