

# ThinkStation P2 Tower Gen 2 30JQ003NCK



PSREF  
Product Specifications  
Reference

## PERFORMANCE

**Processor**  
Intel® Core Ultra 7 265K, 20C (8P + 12E) / 20T, Max Turbo up to 5.5GHz, 30MB Intel Smart Cache

**AI PC Category**<sup>[1]</sup>  
AI-Ready Workstations

**Processor Sockets**  
1x FCLGA1851

**Integrated Graphics**  
Integrated Intel® Graphics

**Discrete Graphics**  
1x NVIDIA® RTX 2000 Ada Generation 16GB

**Chipset**  
Intel® W880 Chipset

**Memory**  
1x 32GB UDIMM DDR5-5600 Non-ECC

**Memory Slots**  
Four DDR5 UDIMM slots, dual-channel capable

**Max Memory**<sup>[2]</sup>  
Up to 128GB (4x 32GB DDR5 UDIMM)

**PCIe NVMe Controller**  
Integrated NVMe® Controller

**PCIe NVMe Drive**  
1x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal

**SATA Controller**  
Onboard Intel® RSTe SATA RAID

**SATA/SAS Drive**  
None

**Optical**  
None

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC623-CG codec

**Power Supply**  
750W Platinum Fixed

**DESIGN**

**Keyboard**  
USB, Calliope, Black, Czech / Slovakian

**Mouse**  
USB Calliope Mouse, Black

**Dimensions (WxDxH)**<sup>[3]</sup>  
170 x 315.35 x 376 mm (6.7 x 12.4 x 14.8 inches, with feet)

**Weight**<sup>[4]</sup>  
9.67 kg (21.32 lbs, maximum configuration)

## CONNECTIVITY

Onboard Ethernet

Intel® I219-LM, 1x GbE RJ-45

**Optional Ethernet**  
None

**WLAN + Bluetooth**  
None

**Card Reader**  
SD Card Reader

**Front Ports**  
• 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only  
• 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)  
• 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)  
• 1x headphone / microphone combo jack (3.5mm)  
• 1x microphone (3.5mm)

**Optional Front Ports (configured)**  
1x SD card reader

**Rear Ports**  
• 2x USB-A (Hi-Speed USB / USB 2.0)  
• 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On  
• 1x HDMI® 2.1 TMDS  
• 2x DisplayPort™ 1.4  
• 1x Ethernet (GbE RJ-45)  
• 1x line-out (3.5mm)

**Optional Rear Ports (configured)**  
None

## SECURITY & PRIVACY

**Security Chip**  
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

**Physical Locks**  
• Kensington® Security Slot™, 3 x 7 mm  
• Padlock Loop

**Cover Lock**  
None

**Cable Lock**  
No Cable

**Chassis Intrusion Switch**  
None

## MANAGEABILITY

**System Management**  
Intel® vPro® Enterprise with Intel AMT 16

## SERVICE

**Base Warranty**  
3-year, Onsite

**Included Upgrade**  
None

## CERTIFICATIONS

**ISV Certifications**  
Please visit [ISV certifications for Lenovo® Workstations](#)

## SOFTWARE

**Operating System**  
Windows® 11 Pro, Czech / Slovak / English

**Bundled Software**  
Lenovo® AI Now

## MODEL

**TopSeller** : Yes      **EAN / UPC / JAN:** 0199271451830  
**Announce Date:** 2025-05-15      **End of Support** : 2033-06-15



Product image is a sample, it may not match the real color of this model

Note:

[1] With scalable configurations of higher-performance CPUs and professional NVIDIA RTX GPUs, in addition to advantage of the same modern AI PC technology, AI-Ready workstation power the demanding AI consumption & development workflows.

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

[3] The system dimensions may vary depending on configurations.

[4] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

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Advanced technical support, 24x7x365, in more than 100 markets
- 

Technical Account Managers for proactive relationship and escalation management
- 

Comprehensive hardware & OEM software support
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Priority on service delivery and repair parts
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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

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Recommended Accessories



Lenovo Legion M220 Wireless RGB Gaming Mouse GY51U28359



NVIDIA GeForce RTX 5070 12GB DP\*3+HDMI\*1 GDDR7 Graphics Card 4X61U02754

Please click [here](#) to view the full list of accessories.

Recommended Services

BEST	5Y Lenovo Support (Premier Support + Keep Your Drive + International Upg) (5PS0N73174)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36136)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26646)



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