



**Lenovo ThinkStation P3 Ultra SFF Gen 2 Intel Core Ultra 9 285K 64 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Arbeitsstation Schwarz**

**Marke :** Lenovo                      **Produktfamilie:** ThinkStation                      **Artikel-Code:** 30J5002SGE

**Produktname :** ThinkStation P3  
Ultra SFF Gen 2



- Intel Core Ultra 9 285K, 24C (8P + 16E)/24T, Max Turbo up to 5.7GHz, 36MB Intel Smart Cache
  - 2x 32GB CSODIMM DDR5-6400 Non-ECC
  - 1x 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal
  - Intel Graphics
  - Windows 11 Pro
- Intel Core Ultra 9 285K, 24C (8P + 16E)/24T, Max Turbo up to 5.7GHz, 36MB Intel Smart Cache, 2x 32GB CSODIMM DDR5-6400 Non-ECC, 1x 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal, Intel Graphics, Windows 11 Pro

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- Compact Workstation, Big AI Performance**
- Compact 3.9L design with support for remote management
  - AI-optimized performance, ultimate flexibility
  - Secure, durable, and ready to tackle the most demanding workflows

| Prozessor                                       |                                                | Grafik                                                      |                       |
|-------------------------------------------------|------------------------------------------------|-------------------------------------------------------------|-----------------------|
| Prozessorhersteller *                           | Intel                                          | Eingebautes Grafikkartenmodell *                            | Intel Graphics        |
| Prozessorfamilie *                              | Intel Core Ultra 9                             | <b>Netzwerk</b>                                             |                       |
| Prozessorgeneration                             | Intel Core Ultra (Series 2)                    | Ethernet/LAN *                                              | ✓                     |
| Prozessor *                                     | 285K                                           | Ethernet LAN Datentransferraten                             | 10,100,1000 Mbit/s    |
| Anzahl Prozessorkerne                           | 24                                             | WLAN *                                                      | ✗                     |
| Prozessor-Threads                               | 24                                             | <b>Anschlüsse und Schnittstellen</b>                        |                       |
| Prozessor Boost-Frequenz                        | 5,7 GHz                                        | USB 3.2 Gen 2 (3.1 Gen 2) Anzahl der Anschlüsse vom Typ A * | 5                     |
| Leistungskerne                                  | 8                                              | USB 3.2 Gen 2x2 Typ-C Anzahl Anschlüsse                     | 2                     |
| Effiziente Kerne                                | 16                                             | Anzahl DisplayPort Anschlüsse                               | 3                     |
| Leistungskern maximale Turbofrequenz            | 5,5 GHz                                        | Anzahl Ethernet-LAN-Anschlüsse (RJ-45)                      | 1                     |
| Effizienter Kern maximale Turbofrequenz         | 4,6 GHz                                        | Kombinierter Kopfhörer-/Mikrofon-Anschluss                  | ✓                     |
| Leistung Basisfrequenz des Kerns                | 3,7 GHz                                        | <b>Design</b>                                               |                       |
| Effiziente Basisfrequenz des Kerns              | 3,2 GHz                                        | Gehäusetyp *                                                | SFF                   |
| Prozessor-Cache                                 | 36 MB                                          | Kabelsperre-Slot                                            | ✓                     |
| Prozessor Cache Typ                             | Smart Cache                                    | Slot-Typ Kabelsperre                                        | Kensington            |
| Grundleistung des Prozessors                    | 125 W                                          | Produktfarbe *                                              | Schwarz               |
| Maximale Turboleistung                          | 250 W                                          | <b>Leistungen</b>                                           |                       |
| <b>Neuronale Prozessoreinheit (NPU)</b>         |                                                | Motherboard Chipsatz                                        | Intel W880            |
| Neuronale Prozessoreinheit (NPU)                | Intel AI Boost                                 | Audio-Chip                                                  | Realtek ALC623-CG     |
| Sparsity Support                                | ✓                                              | Audio-System                                                | High Definition Audio |
| Unterstützung für Windows Studio-Effekte        | ✓                                              | Trusted Platform Module (TPM)                               | ✓                     |
| Von der NPU unterstützte AI-Software-Frameworks | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Produkttyp *                                                | Arbeitsstation        |
| Gesamtleistung des Prozessors bis zu            | 36 Tera-Vorgänge pro Sekunde                   | <b>Software</b>                                             |                       |
| NPU-Leistung bis zu                             | 13 Tera-Vorgänge pro Sekunde                   | Betriebssystemarchitektur                                   | 64-Bit                |
| GPU-Leistung bis zu                             | 8 Tera-Vorgänge pro Sekunde                    | Installiertes Betriebssystem *                              | Windows 11 Pro        |
| <b>Speicher</b>                                 |                                                | <b>Energie</b>                                              |                       |
| Speicherkapazität *                             | 64 GB                                          |                                                             |                       |
| RAM-Speicher maximal *                          | 128 GB                                         |                                                             |                       |

| Speicher                           |                 | Energie                              |               |
|------------------------------------|-----------------|--------------------------------------|---------------|
| Interner Speichertyp               | DDR5-SDRAM      | Stromversorgung *                    | 330 W         |
| Speicherlayout                     | 2 x 32 GB       | Stromversorgung - Eingang Spannung   | 100 - 240 V   |
| Speicherkartensteckplätze          | 2x SO-DIMM      | Stromversorgung - Eingangsfrequenz   | 50/60 Hz      |
| Speichertaktfrequenz               | 6400 MHz        | Betriebsbedingungen                  |               |
| Speichermedium                     |                 | Betriebstemperatur                   | 5 - 35 °C     |
| Gesamtspeicherkapazität *          | 1 TB            | Temperaturbereich bei Lagerung       | -40 - 60 °C   |
| Speichermedien *                   | SSD             | Relative Luftfeuchtigkeit in Betrieb | 20 - 80%      |
| Optisches Laufwerk - Typ *         | ✗               | Luftfeuchtigkeit bei Lagerung        | 10 - 90%      |
| Gesamtkapazität der SSDs           | 1 TB            | Höhe bei Betrieb                     | 0 - 3048 m    |
| Anzahl SSD installiert             | 1               | Höhe bei Lagerung                    | 0 - 12192 m   |
| SSD Speicherkapazität              | 1 TB            | Gewicht und Abmessungen              |               |
| SSD Schnittstelle                  | PCI Express 4.0 | Breite *                             | 87 mm         |
| NVMe                               | ✓               | Tiefe *                              | 223 mm        |
| SSD-Formfaktor                     | M.2             | Höhe *                               | 202 mm        |
| Grafik                             |                 | Gewicht *                            | 3,6 kg        |
| Separater Grafikkarteadapter *     | ✗               | Lieferumfang                         |               |
| Eingebaute Grafikkarteadapter *    | ✓               | Maus enthalten                       | ✓             |
| Separates Grafikkartenmodell *     | Nicht verfügbar | Maus-Konnektivität                   | Kabelgebunden |
| Hersteller der eingebauten GPU     | Intel           | Tastatur enthalten                   | ✓             |
| On-Board-Grafikkarteadapterfamilie | Intel Graphics  | Tastatur-Konnektivität               | Kabelgebunden |
|                                    |                 | Bildschirm                           |               |
|                                    |                 | Anzeige enthalten *                  | ✗             |



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### Catalog Object Cloud



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