## Lenovo.

## Lenovo ThinkStation P3 Ultra Intel® Core™ i5 i5-13600K 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T400 Windows 11 Pro Mini Tower Workstation Black

Brand: Lenovo Product family: ThinkStation Product code: 30HA0022US

Product name: P3 Ultra

- Windows 11 Pro 64-bit
- Intel Core i5-13600K (24MB Cache)
- NVIDIA T400 (4GB GDDR6)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core i5-13600K (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, NVIDIA T400 (4GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

Lenovo ThinkStation P3 Ultra Intel® Core $^{\text{m}}$  i5 i5-13600K 16 GB DDR5-SDRAM 512 GB SSD NVIDIA T400 Windows 11 Pro Mini Tower Workstation Black:

The Lenovo ThinkStation P3 Ultra features a revolutionary form factor that is redefining the power of small. With the latest 13th Gen Intel® Core™ processors, up to NVIDIA RTX™ A5500 mobile 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.





| Processor  |  | Network  |  |
|--|--|--|--|
| Processor  Processor manufacturer *  Processor family *  Processor generation  Processor model *  Processor cores  Processor threads  Performance cores  Efficient cores  Performance-core Max Turbo  Frequency  Efficient-core Max Turbo Frequency  Performance-core base frequency  Efficient-core base frequency  Processor cache | Intel Intel® Core™ i5 13th gen Intel® Core™ i5 i5-13600K 14 20 6 8 5.1 GHz 3.9 GHz 3.5 GHz 2.6 GHz 24 MB | Network  WLAN controller manufacturer WLAN controller model Antenna type Bluetooth Bluetooth version  Ports & interfaces  USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * Intel® Thunderbolt 4 Thunderbolt 4 ports quantity DisplayPorts quantity DisplayPort version Ethernet LAN (RJ-45) ports | Intel Intel Wi-Fi 6E AX211 2x2   5.1  5   1.2 2        |
| Processor cache type Bus type Number of processors installed  Memory Internal memory * Maximum internal memory * Internal memory type Memory layout (slots x size) Memory slots Non-ECC  | Smart Cache DMI4 1 16 GB 128 GB DDR5-SDRAM 1 x 16 GB 4x SO-DIMM  | Combo headphone/mic port  Design  Chassis type *  Volume  Placement supported  Cable lock slot  Cable lock slot type  Product colour *   | Mini Tower 3.9 L Horizontal/Vertical  Kensington Black |

| Memory  |  | Performance   |   |
|---|--|---|---|
| Memory channels                               | Dual-channel                               | Motherboard chipset                                     | Intel W680  |
| •   | Duai-Criainiei                             | Audio chip  | Realtek ALC897-Q  |
| Storage                                       |  | Built-in speaker(s)                                     | √   |
| Total storage capacity *                      | 512 GB                                     | Number of speakers                                      | 1   |
| Storage media *                               | SSD  | Password protection                                     | ·   |
| Optical drive type *                          | ×  | Password protection type                                | BIOS, Power on, Supervisor  |
| Number of storage drives installed            | 1  | BIOS type   | UEFI  |
| Total SSDs capacity  Number of SSDs installed | 512 GB<br>1                                | Trusted Platform Module (TPM)                           | <b>✓</b>  |
| SSD capacity                                  | 512 GB                                     | Product type *  | Workstation   |
| SSD interface                                 | PCI Express 4.0                            | Software  |   |
| NVMe  | ✓  |   | 64-bit  |
| SSD form factor                               | M.2  | Operating system architecture Operating system language | English   |
| Card reader integrated                        | ×  | Operating system installed *                            | Windows 11 Pro  |
| -   | ••   | . 5.  | Wildows 11 110  |
| Graphics                                      |  | Processor special features                              | 1   |
| Discrete graphics card *                      | NVIDIA                                     | CPU configuration (max)                                 | 1   |
| Discrete GPU manufacturer                     |  | Power   |   |
| On-board graphics card *                      | ANAIDIA TAGO                               | Power supply *  | 300 W   |
| Discrete graphics card model *                | NVIDIA T400<br>4 GB                        | Power supply input voltage                              | 100 - 240 V   |
| Discrete graphics memory type                 | GDDR6                                      | Operational conditions                                  |   |
|   |  | Operating temperature (T-T)                             | 10 - 35 °C  |
| On-board GPU manufacturer                     | Intel                                      | Storage temperature (T-T)                               | -40 - 60 °C   |
| On-board graphics card model *                | Intel UHD Graphics 770                     | Operating relative humidity (H-H)                       | 20 - 80%  |
| Graphics card Mini DisplayPort ports          | ;<br>3                                     | Storage relative humidity (H-H)                         | 10 - 90%  |
| quantity                                      | 3  | Operating altitude                                      | 0 - 3048 m  |
| Network                                       |  | Non-operating altitude                                  | 0 - 12192 m   |
| Ethernet LAN *                                | ✓  | Certificates  |   |
| Ethernet LAN data rates                       | 1000,2500,100 Mbit/s                       | Certification   | EPEAT Gold Registered ENERGY<br>STAR 8.0 TCO Certified 9.0 RoHS<br>compliant MIL-STD-810H |
| Cabling technology                            | 10/100/1000Base-T(X)                       |   |   |
| Wi-Fi *                                       | ✓  | Weight & dimensions                                     |   |
| Top Wi-Fi standard<br>Wi-Fi standards         | Wi-Fi 6E (802.11ax)<br>Wi-Fi 6E (802.11ax) | Width *   | 87 mm   |
|   |  | Depth *   | 223 mm  |
|   |  | Height *  | 202 mm  |
|   |  | Weight *  | 3.6 kg  |
|   |  | Packaging content                                       |   |
|   |  | Mouse included  | ✓   |
|   |  | Keyboard included                                       | ✓   |
|   |  | Display   |   |
|   |  |   | v   |
|   |  | Display included *                                      | ×   |





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## **Catalog Object Cloud**



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