Lenovo ThinkStation P3 Ultra 30HA(30HA004EMB)

Lenovo ThinkStation P3 Ultra 30HA - MT 1 x Core i9 i9-14900 / up to 5.8 GHz - vPro Enterprise - RAM 32 GB - SSD 1 TB - TCG Opal Encryption, NVMe, Performance - RTX A2000 - Gigabit Ethernet, 2.5 Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6E) - Win 11 Pro - monitor: none - keyboard: Belgium - Lenovo TopSeller - with 1 Year Lenovo Premier Support

Key Selling Points

Packs amazing power into a 3.9 l chassis
Blazingly-fast 13th Gen Intel Core processor, vast memory
ISV-certified, handles complex workflows with ease
Designed for compact spaces, suitable for any industry

Product Features

Superior performance, smaller footprint
The Lenovo ThinkStation P3 Ultra boasts a revolutionary 3.9 l form factor in a space-efficient chassis. Ideal for demanding workflows that require flexible configurations and maximum space savings, it's designed to go wherever today's professionals need to be. Powered by 13th Gen Intel Core processor and with a powerful graphics, this workstation breaks new ground with an intelligently compact design that doesn't compromise on functionality.

Configurable for today and tomorrow
No matter how heavy or complex your workflow needs are, the ThinkStation P3 Ultra can be configured to meet them - now and well into the future. With a massive memory, plus an array of high-speed ports, including three DisplayPorts and dual Ethernet ports, this workstation packs an unimaginable level of power and performance.

Makes your workflows flow
The ThinkStation P3 Ultra, with its optimal size and performance, is perfect for any industry, from architecture to healthcare and finance to education. MIL-SPEC-certified, it runs in even the most extreme conditions, from the Arctic to deserts. It also zips through high-performance workflows, such as CAD and Edge/IoT. And with its extensive list of ISV-certified applications, your most complex projects will be executed with ease.

Remote management, made easy
The ThinkStation P3 Ultra supports the pluggable baseboard management controller (BMC). A specialized service processor, BMC uses sensors to track the physical condition of hardware such as PCs and network servers. It enables advanced remote monitoring and systems management, including installing BIOS updates and monitoring fan speeds, in this critical time of digital transformation.

All the security you need
The ThinkStation P3 Ultra comes with ThinkShield - a suite of hardware and software designed to safeguard both your workstation and data. It includes essential security features like Trusted Platform Module (TPM) to encrypt your sensitive data and programs to prevent unauthorized system access. It also has a self-healing BIOS should the BIOS be corrupted or maliciously attacked. For extra peace of mind, this PC supports Windows firmware updates.

Main Specifications

Product Description	Lenovo ThinkStation P3 Ultra - MT Core i9 i9-14900 2 GHz - vPro Enterprise - 32 GB - SSD 1 TB - Belgium
Type	Workstation - MT
Bundled Services	1 Year Lenovo Premier Support
Platform Technology	Intel vPro Enterprise
Localisation	Language: English, German, French, Dutch / region: Belgium

Processor	1 x Intel Core i9 (14th Gen) i9-14900 / 2 GHz (up to 5.8 GHz, (24-core)
Processor Socket	FCLGA1700 Socket
Cache Memory	36 MB
Cache Per Processor	36 MB
RAM	32 GB (installed) / 128 GB (max) - DDR5 SDRAM - non-ECC
Storage Controller	SATA (SATA 6Gb/s); RAID (PCI Express (NVMe))
Hard Drive	SSD 1 TB - PCI Express 4.0 x4 - M.2 2280 - TCG Opal Encryption, NVM Express (NVMe), Performance
Optical Storage	No optical drive
Multi-GPU Configuration	1 single GPU card / integrated GPU
Graphics Controller	NVIDIA RTX A2000 / Intel UHD Graphics 770
Video Memory	12 GB GDDR6 SDRAM
Networking	1GbE, 802.11a, 802.11b/g/n, Wi-Fi 5, 2.5GbE, Bluetooth 5.1, Wi-Fi 6E
Keyboard	Belgium
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Dimensions (WxDxH)	8.7 cm x 22.3 cm x 20.2 cm
Weight	3.6 kg
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Base warranty - 3 years - on-site ¦ Extended warranty - 1 year - on-site - response time: next business day

Extended Specification

General

Platform Technology	Intel vPro Enterprise
Type	Workstation
Bundled Services	1 Year Lenovo Premier Support
Product Form Factor	MT
Built-in Devices	Speaker
Embedded Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Localisation	Language: English, German, French, Dutch / region: Belgium

Expansion / Connectivity

Slots	1 (total) / 0 (free) x PCIe 4.0 x16 ¦ 1 (total) / 1 (free) x PCIe 3.0 x8 (x4 mode) ¦ 1 (total) / 0 (free) x M.2 Card (for WLAN) ¦ 2 (total) / 1 (free) x M.2 Card (for SSD)
Interfaces	5 x USB 3.2 Gen 2 (1 front, 4 rear) ¦ 2 x Thunderbolt 4 (2 in front) ¦ 1 x LAN (2.5Gigabit Ethernet) (1 rear) ¦ 1 x LAN (Gigabit Ethernet) (1 rear) ¦ 1 x headphones/microphone (1 in front) ¦ 3 x DisplayPort 1.2 (3 rear) ¦ 4 x Mini DisplayPort 1.4a

Manufacturer Warranty

Service & Support	Base warranty - 3 years - on-site ¦ Extended warranty - 1 year - on-site - response time: next business day

RAM

Installed Size	32 GB (installed) / 128 GB (max)
Technology	DDR5 SDRAM - non-ECC
Effective Memory Speed	4800 MHz
Rated Memory Speed	4800 MHz
Form Factor	SO-DIMM 262-pin
Slots	4 (Total) / 2 (empty)

Features	Dual channel memory architecture
Configuration Features	2 x 16 GB

Networking

Interface (Bus) Type	M.2 Card
Ethernet Ports	1 x 2.5 Gigabit Ethernet, 1 x Gigabit Ethernet
Ethernet Controller	Intel I225-LM, I210-AT
Wireless LAN Supported	Yes
Wireless NIC	Intel Wi-Fi 6E AX 211
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, 2.5 Gigabit Ethernet, Bluetooth 5.1, IEEE 802.11ax (Wi-Fi 6E)
Features	Wake on LAN (WoL), Intel Active Management Technology (AMT) 16

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion switch
Security Slot Type	Kensington security slot
Compliant Standards	RoHS, FIPS 140-2, TCG Certified, TCO Certified 9.0
Manufacturer Selling Program	Lenovo TopSeller

Power

Device Type	Power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	300 Watt
Efficiency	90%

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80%

Storage Controller

Type	1 x SATA
Controller Interface Type	SATA 6Gb/s

Cache Memory

Installed Size	36 MB
Cache Per Processor	36 MB

Optical Storage

Type	No optical drive

Operating System / Software

OS Provided	Windows 11 Pro Dutch / English / French / German

Monitor

Monitor Type	None.

Graphics Controller

Multi-GPU Configuration	1 single GPU card / integrated GPU
Graphics Processor	NVIDIA RTX A2000 / Intel UHD Graphics 770
Video Memory	12 GB GDDR6 SDRAM

Video Interfaces	DisplayPort

Audio Output

Compliant Standards	High Definition Audio

Storage Controller (2nd)

Type	1 x RAID
Controller Interface Type	PCI Express (NVMe)
RAID Level	RAID 0, RAID 1

Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 1 TB
Interface Type	PCI Express 4.0 x4
Features	TCG Opal Encryption, NVM Express (NVMe), Performance

Input Device

Type	Mouse, keyboard

Dimensions & Weight

Width	8.7 cm
Depth	22.3 cm
Height	20.2 cm
Weight	3.6 kg

Keyboard

Keyboard Name	Lenovo Traditional Keyboard
Interface	USB
Localization & Layout	Belgium

Mouse

Mouse Name	Lenovo Calliope Mouse
Interface	USB

Processor / Chipset

CPU	Intel Core i9 (14th Gen) i9-14900
Clock Speed	2 GHz (P-core) / 1.5 GHz (E-core)
Max Turbo Speed	5.8 GHz (P-core) / 4.3 GHz (E-core)
Number of Cores	24-core
CPU Qty	1
Max CPU Qty	1
CPU Socket	FCLGA1700 Socket
Chipset Type	Intel W680

Sustainability Information

EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0