

## Lenovo ThinkStation P7 30F3(30F3001DMB)

**Lenovo ThinkStation P7 30F3 - Tower 1 x Xeon W5-3423 / up to 4.2 GHz - vPro Enterprise - RAM 32 GB - SSD 1 TB - TCG Opal Encryption, NVMe, Performance - Gigabit Ethernet, 10 Gigabit Ethernet - Win 11 Pro for Workstations - monitor: none - keyboard: Belgium - Lenovo TopSeller**



Rack-optimized for those that demand flexibility between desktop environments and data centers, the Lenovo ThinkStation P7 workstation breaks new ground by taking on workloads that were traditionally reserved for cloud or server resources. Designed for data scientists, engineers, and senior creatives, it offers end-to-end workflow performance across game development, 3D rendering, computational fluid dynamics, and more.

## Key Selling Points

- Rack-optimized for desktop environment and data center flexibility
- Advanced thermal design in an Aston Martin-inspired chassis, ISV-certified
- Breakthrough new computing architecture in a single-socket platform
- Front drive access, tool-less serviceability, and easy to upgrade

## Product Features

### Inspired by Aston Martin, built to perform

The bold ThinkStation P7 workstation is a force to be reckoned with. It brings together a breakthrough new computer architecture and an optimized thermal design to maximize performance in a versatile, Aston Martin-inspired chassis. Featuring Intel Xeon processor, NVIDIA RTX discrete graphics cards, robust PCIe Gen 5 connectivity, and high-speed DDR5 memory, it delivers staggering performance in a single-socket platform.

### Game-changing reliability

At the heart of the ThinkStation P7 workstation is reliability and durability. By meeting Lenovo's exacting standards, it delivers maximum uptime and is perfect for mission-critical environments. It also comes with an array of independent software vendor (ISV) certifications, so you can be sure that it will zip through massive datasets and compute-intensive, multithreaded tasks in applications such as AVID, Bentley, and PTC.

### Engineered for the real world

The ThinkStation P7 is a breeze to customize and upgrade, thanks to front drive access, hot-swap drives, and a tool-less chassis. It has a choice of power supply options to fit your most demanding workload requirements. Plus, you can take pride knowing that your workstation is EPEAT Gold registered and was manufactured and packaged responsibly, while never compromising on quality nor performance.

## Main Specifications

Product Description	Lenovo ThinkStation P7 - tower Xeon W5-3423 2.1 GHz - vPro Enterprise - 32 GB - SSD 1 TB - Belgium
Type	Workstation - tower
Platform Technology	Intel vPro Enterprise
Localisation	Language: English, German, French, Dutch / region: Belgium
Processor	1 x Intel Xeon W5-3423 / 2.1 GHz (up to 4.2 GHz, (12-core)
Processor Socket	FCLGA4677 Socket
Cache Memory	30 MB
Cache Per Processor	30 MB
RAM	32 GB (installed) / 1 TB (max) - DDR5 SDRAM
Storage Controller	RAID (SATA 6Gb/s); NVMe (PCI Express)
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

Card Reader	15 in 1
Networking	1GbE, 10GbE
Keyboard	Belgium
Power	(50/60 Hz)
OS Provided	Windows 11 Pro for Workstations
Dimensions (WxDxH)	17.5 cm x 50.8 cm x 44.04 cm
Weight	24.5 kg
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Limited warranty - 3 years - on-site

## Extended Specification

### General

Platform Technology	Intel vPro Enterprise
Type	Workstation
Product Form Factor	Tower
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

Bays	2 (total) / 2 (free) x internal 3.5"
Slots	3 (total) / 3 (free) x PCIe 5.0 x16 † 1 (total) / 1 (free) x PCIe 4.0 x16 † 1 (total) / 1 (free) x PCIe 4.0 x8 † 1 (total) / 1 (free) x PCIe 5.0 x4 † 1 (total) / 1 (free) x PCIe 4.0 x4 † 3 (total) / 2 (free) x M.2 Card
Interfaces	1 x USB-C 3.2 Gen 2x2 (1 rear) † 2 x USB 2.0 (2 rear) † 3 x USB 3.2 Gen 2 (3 rear) † 1 x LAN (Gigabit Ethernet) (1 rear) † 1 x LAN (10Gigabit Ethernet) (1 rear) † 1 x audio line-in (1 rear) † 1 x audio line-out (1 rear) † 1 x headphones/microphone (1 front)

### Manufacturer Warranty

Service & Support	Limited warranty - 3 years - on-site
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### RAM

Installed Size	32 GB (installed) / 1 TB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	4400 MHz
Rated Memory Speed	4800 MHz
Form Factor	DIMM 288-pin
Slots	8 (Total) / 6 (empty)
Features	Registered
Configuration Features	2 x 16 GB

### Networking

Ethernet Ports	1 x 10 Gigabit Ethernet, 1 x Gigabit Ethernet
Ethernet Controller	Marvell AQtion AQC-113C, Intel I219-LM
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Features	Wake on LAN (WoL), Intel Active Management Technology (AMT) 16

### Miscellaneous

Included Accessories	Lock kit (common key)
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Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion switch
Security Slot Type	Kensington security slot
Compliant Standards	RoHS, TCG Certified, TCO Certified 9.0
Manufacturer Selling Program	Lenovo TopSeller

#### Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	1400 Wh
80 PLUS Certification	80 PLUS Platinum
Efficiency	92%

#### Environmental Parameters

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

#### Storage Controller

Type	1 x RAID
Controller Interface Type	SATA 6Gb/s
RAID Level	RAID 0, RAID 1, RAID 5

#### Cache Memory

Installed Size	30 MB
Cache Per Processor	30 MB

#### Optical Storage

Type	No optical drive
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#### Operating System / Software

OS Provided	Windows 11 Pro for Workstations Dutch / English / French / German
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#### Monitor

Monitor Type	None.
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#### Audio Output

Compliant Standards	High Definition Audio
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#### Storage Controller (2nd)

Type	1 x NVMe
Controller Interface Type	PCI Express

#### 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
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## Dimensions & Weight

Width	17.5 cm
Depth	50.8 cm
Height	44.04 cm
Weight	24.5 kg

## Keyboard

Keyboard Name	Lenovo Traditional Keyboard
Interface	USB
Localization & Layout	Belgium

## Card Reader

Type	15 in 1 card reader
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## Mouse

Mouse Name	Lenovo Calliope Mouse
Interface	USB

## Processor / Chipset

CPU	Intel Xeon W5-3423
Clock Speed	2.1 GHz
Max Turbo Speed	4.2 GHz
Number of Cores	12-core
CPU Qty	1
Max CPU Qty	1
CPU Socket	FCLGA4677 Socket
Chipset Type	Intel W790

## Sustainability Information

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

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