

# ThinkCentre M90s 11D1003PCK

Lenovo

**PSREF**  
Product Specifications  
Reference

## PERFORMANCE

### Processor

Intel® Core™ i5-10500 (6C / 12T, 3.1 / 4.5GHz, 12MB)

### Graphics

Integrated Intel UHD Graphics 630

### Chipset

Intel Q470 Chipset

### Memory

1x 16GB UDIMM DDR4-2666

### Memory Slots

Four DDR4 DIMM slots, dual-channel capable

### Max Memory

Up to 128GB DDR4-2933

### Storage

1x 512GB SSD M.2 2280 PCIe 3.0x4 NVMe Opal

### Storage Support

Up to four drives, 1x 2.5"/3.5" HDD + 1x 2.5" HDD + 2x M.2 2242/2280 SSD

- 2.5" HDD up to 1TB each
- 3.5" HDD up to 2TB each
- M.2 SSD up to 2TB each
- Optional Intel Optane™ Memory, M.2

### Card Reader

3-in-1 Card Reader

### Optical

DVD±RW

### Audio Chip

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

### Speakers

1Wx1

### Power Supply

180W 85%

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, Czech / Slovak

### Mouse

USB Calliope Mouse, Black

### Optional Bay

Optional 2.5" bay

### Expansion Slots

- One PCIe 3.0 x16, low-profile (length < 155mm, height < 68mm)
- One PCIe 3.0 x1, low-profile (length < 155mm, height < 68mm)
- Three M.2 slots (one for WLAN, two for SSD)
- One PCIe 3.0 x4, low-profile (length < 155mm, height < 68mm)
- One dummy slot, only bracket for optional port extension

### Case Color

Black

### Form Factor

SFF (8.2L)

### Dimensions (WxDxH)

93 x 298 x 340 mm (3.6 x 11.7 x 13.4 inches)

### Weight

5.3 kg (11.7 lbs)

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### Front Ports

- 1x microphone (3.5mm)
- 2x USB 3.2 Gen 1
- 2x USB 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)
- 1x USB-C 3.2 Gen 1

### Optional Front Ports (configured)

1x card reader

### Rear Ports

- 4x USB 3.2 Gen 1
- 1x line-out (3.5mm)
- 1x Ethernet (RJ-45)
- 1x serial (9-pin)
- 2x DisplayPort™

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0, TCG certified

### Fingerprint Reader

No fingerprint reader

### Physical Locks

- Smart Cable Clip
- Kensington® Security Slot
- Padlock Loop

### Smart Cable Clip

Smart Cable Clip

### Chassis Intrusion Switch

Chassis Intrusion Switch

## MANAGEABILITY

### System Management

Intel® vPro, DASH

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

3Y Premier Support Upgrade from 3Y Onsite (5WS0V07841)

## CERTIFICATIONS

### Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- TCO Certified 8.0
- ErP Lot 3
- RoHS compliant

## SOFTWARE

### Operating System

Windows® 10 Pro 64, Czech / Slovak / English

## MODEL

TopSeller : Yes

Announce Date : 2020-12-22

EAN / UPC / JAN : 0195477962217

End of Support : 2027-01-02



• Product image on this page is a sample, it may not match the real color of this model  
• For a full list of this model's configurations and device specifications, please visit:<https://psref.Lenovo.com>

## Premier Support - A direct 24x7x365 line to our most elite technicians.



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



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



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



### ThinkPad UltraSlim USB DVD Burner

4XA0E97775

ThinkPad UltraSlim USB DVD Burner -- is a small form factor external portable DVD and CD recordable drive that can be attached to Notebooks with USB2.0 port or USB3.0 port. With 9.5mm UltraSlim engine, 20% slimmer tha...

### Lenovo 500 FHD Webcam

4X30H56796

A USB Video Class (UVC) compliant video camera designed for teleconferencing applications on desktop or laptop. It's a reliable digital video device to transfer video data with HD quality through a high-speed USB inte...

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

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