ThinkCentre M90s 11D10047FR

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 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, French

Mouse
USB Calliope Mouse, Black

Optional Bay
Optional 2.5" Bay

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

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

Optional Front Ports (configured)
1x card reader

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

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

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
1Y Premier Support from 3Y Onsite WHB (CPN) (5WS1F31123)

CERTIFICATIONS

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

Mil-Spec Test
MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

SOFTWARE

Operating System
Windows® 10 Pro 64, French

MODEL

TopSeller	: Yes	**Announce Date**	: 2021-11-05
EAN / UPC / JAN	: 0196118972718	**End of Support**	: 2027-01-02



· Lenovo reserves the right to change specifications or other product information without notice.
· Product image on this page is a sample, it may not match the real color of this model

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories

Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XE0N80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

Recommended Services

BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1C83305)
GOOD	2Y Premier Support upgrade from 1Y Premier Support (5WS1C83297)

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

PSREF
Product Specifications Reference