## ThinkCentre M90s 11D10040FR

#### PERFORMANCE

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

Graphics Integrated Intel UHD Graphics 630

Chipset Intel Q470 Chipset

Memory 1x 8GB UDIMM DDR4-2666

Memory Slots Four DDR4 DIMM slots, dual-channel capable

Max Memory Up to 128GB DDR4-2933

Storage 256GB SSD M.2 2280 PCIe<sup>®</sup> x4 NVMe<sup>®</sup> 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<sup>™</sup> 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

260W 85%

#### DESIGN

Keyboard USB Traditional Keyboard, Black, French

Mouse

USB Calliope Mouse, Black

#### **Expansion Slots**

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

#### 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 Around 5.3 kg (11.7 lbs)

CONNECTIVITY

#### CONNECTIVITY

Ethernet Integrated 100/1000M

#### Front Ports

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

#### **Optional Front Ports (configured)**

1x card reader

#### **Rear Ports**

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

#### **Optional Rear Ports (configured)**

- 2x USB 2.0
- 1x DP

#### **SECURITY & PRIVACY**

#### Security Chip

Discrete TPM 2.0, TCG certified

#### **Fingerprint Reader**

No fingerprint reader

#### Physical Locks

- Smart Cable Clip
- Padlock Loop
- Kensington<sup>®</sup> Security Slot<sup>™</sup>, 3 x 7 mm

Lenovo

#### 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)

PSREF

Reference

Product Specifications

#### CERTIFICATIONS

#### **Green Certifications**

- EPEAT<sup>™</sup> Silver
- ENERGY STAR® 8.0
- TCO Certified 8.0
- RoHS compliant
- ErP Lot 3

#### 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<sup>®</sup> 10 Pro 64. French

#### MODEL

TopSeller	: Yes	Announce Date	: 2021-11-05
EAN / UPC / JAN	: 0196118974323	End of Support	: 2027-01-02

 $\cdot$  Lenovo reserves the right to change specifications or other product information without notice.

 $\cdot$  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



Comprehensive hardware & OEM software support



Single point of contact for simplified end-to-end case management



Technical Account Managers for proactive relationship and escalation management

Priority on service delivery and repair parts



Lenovo Service Connect Portal for customized reporting and product support

## **Recommended Accessories**



## Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XE0N8091

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...

## 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 Services**

BEST	5Y Premier Support upgrade from 1Y Premier Support (5WS1F52310)
BETTER	4Y Premier Support upgrade from 1Y Premier Support (5WS1F52294)
GOOD	3Y Premier Support upgrade from 1Y Premier Support (5WS1C83305)

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

