## ThinkCentre M90a 11CD007ACK



#### **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 8GB SO-DIMM DDR4-2666

**Memory Slots** 

Two DDR4 DIMM slots, dual-channel capable

**Max Memory** 

Up to 64GB DDR4-2933

Storage

256GB SSD M.2 2280 PCIe® 3.0x4 NVMe® Opal

Optane™ Memory

None

**Storage Support** 

Up to three drives, 2x 2.5" HDD + 1x M.2 SSD

• 2.5" HDD up to 2TB each

• M.2 SSD up to 1TB

• Optional Intel Optane Memory, M.2

**Card Reader** 

3-in-1 Card Reader

Optical

 $\mathsf{DVD} \pm \mathsf{RW}$ 

**Audio Chip** 

High Definition (HD) Audio, Realtek® ALC233 codec

**Speakers** 

3Wx2

Camera

FHD 1080p + IR Hybrid

Microphone

2x, Array

**Power Supply** 

150W 89% Adapter

**DESIGN** 

Display

23.8" FHD (1920x1080) IPS 250nits Anti-glare, 72% NTSC

**Touchscreen** 

None

Keyboard

USB Calliope Keyboard, Black, Czech / Slovak

Mouse

USB Calliope Mouse, Black

**Expansion Slots** 

Two M.2 slots (one for WLAN, one for SSD)

Case Color

Black

Stand

UltraFlex IV Stand

**Carry Handle** 

None

**Dust Filter** 

None

Mounting

VESA mount

Form Factor

AIO (23.8 inches)

#### CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth®

Intel 9560, 11ac 2x2 + BT5.0

Rear Port

• 4x USB 3.2 Gen 1 (one supports Smart Power On)

1x DisplayPort™

• 1x Ethernet (RJ-45)

**Optional Rear Ports (configured)** 

None

**Right Ports** 

2x USB 3.2 Gen 2

1x USB-C® 3.2 Gen 1 (5V/3A charging)

• 1x headphone / microphone combo jack (3.5mm)

Optional Right Ports (configured)

1x card reader

**Monitor Cable** 

None

#### **SECURITY & PRIVACY**

Security Chip

Discrete TPM 2.0, TCG certified

Fingerprint Reader

No fingerprint reader

**Physical Locks** 

Kensington® Security Slot™, 3 x 7 mm

**Kensington Cable Lock** 

None

Chassis E-Lock

None

**Chassis Intrusion Switch** 

Chassis Intrusion Switch

**Other Security** 

ThinkShutter camera cover

#### **MANAGEABILITY**

**System Management** 

Non-vPro®

#### **SERVICE**

**Base Warranty** 

3-vear. Onsite

Included Upgrade

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

#### **CERTIFICATIONS**

**Green Certifications** 

- ErP Lot 3
- TCO Certified 8.0
- TCO edge
- RoHS compliant

**Other Certifications** 

- TÜV Rheinland® Ultra Low Noise
- TÜV Rheinland Low Blue Light

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® 11 DG Windows 10 Pro 64, Czech / Slovak / English

**Bundled Software** 

None

MODEL

TopSeller : Yes Announce Date : 2021-11-05

EAN / UPC / JAN : 0196118731476 End of Support : 2027-01-04

<sup>·</sup> Lenovo reserves the right to change specifications or other product information without notice.

<sup>·</sup> 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

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### 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...



#### ThinkPad UltraSlim USB DVD Burner

4XA0F97775

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...

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

