# ThinkCentre M90a Gen 2 11JY0009BL

# PERFORMANCE

Processor Intel® Core™ i5-11500 (6C / 12T, 2.7 / 4.6GHz, 12MB)

Graphics AMD Radeon™ 630 2GB GDDR5

Chipset Intel Q570 Chipset

Memory 1x 8GB SO-DIMM DDR4-3200

Memory Slots Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory Up to 64GB DDR4-3200

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

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

## Card Reader

3-in-1 Card Reader

DVD±RW

Audio Chip High Definition (HD) Audio, Realtek\* ALC233 codec

Speakers

3Wx2

Camera 5.0MP RGBIR

Microphone

2x, Array Power Supply

170W 89% Adapter

# DESIGN

Display 23.8" FHD (1920x1080) IPS Anti-glare

Touchscreen None

Keyboard USB Calliope Keyboard, Black, Bulgarian

Mouse USB Calliope Mouse, Black

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

#### Case Color Black

Stand Full Function Monitor Stand

- Dust Filter None
- Mounting
- VESA mount

Form Factor AIO (23.8 inches)

#### Dimensions (WxDxH) 541 x 200 x 414.2-494.2 mm (21.3 x 7.9 x 16.3-19.5 inches)

Weight

7.84 kg (17.3 lbs)

# CONNECTIVITY

Ethernet Integrated 100/1000M

WLAN + Bluetooth® Intel 9560 11ac, 2x2 + BT5.1, vPro

#### Rear Ports

- 4x USB 3.2 Gen 1
- 1x DisplayPort<sup>™</sup>
- 1x Ethernet (RJ-45)

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

None

#### **Right Ports**

- 2x USB 3.2 Gen 2
- 1x USB-C 3.2 Gen 2 (support data transfer and 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<sup>®</sup> Security Slot

Kensington Cable Lock

# **PSREF**

Product Specifications Reference

Chassis E-Lock

Chassis Intrusion Switch None

Other Security ThinkShutter camera cover

# MANAGEABILITY

System Management Intel® vPro, DASH

# SERVICE

**Base Warranty** 

3-year, Onsite

Included Upgrade None

# **CERTIFICATIONS**

#### Green Certifications

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

#### **Other Certifications**

- TÜV Rheinland® Ultra Low Noise
- TÜV Rheinland Eye Comfort Certification
- 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® 10 Pro 64, English

#### **Bundled Software**

None

# MODEL

TopSeller	: Yes	Announce Date	: 2021-10-12
EAN / UPC / JAN	: 0195890470672	End of Support	: 2027-12-20

# 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-toend 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

# 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**

# Lenovo Powered USB-C Travel Hub

## 4X90S92381

Travel-Ready Productivity Powerhouse; One-stop travel docking is finally here. Connect and charge new and legacy devices wherever you happen to be. Sleek and compact, the Lenovo Powered USB-C Travel Hub fits unlimited...

# **Recommended Services**

BEST	5Y Premier Support upgrade from 3Y Onsite (5WSOV08511)	
BETTER	4Y Premier Support upgrade from 3Y Onsite (5WSOV08524)	
GOOD	3Y Premier Support upgrade from 3Y Onsite (5WS0V08537)	

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

PSREF Product Specifications Reference