ThinkCentre M90a Gen 2 11JY000NGE

PERFORMANCE

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

Integrated Intel UHD Graphics 750

Chipset Intel Q570 Chipset

Memory 1x 16GB SO-DIMM DDR4-3200

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

Max Memory Up to 64GB DDR4-3200

Storage 512GB SSD M.2 2280 PCIe 3.0x4 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

150W 89% Adapter

DESIGN

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

Touchscreen None

Keyboard USB Calliope Keyboard, Black, German

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[™]
- 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® Security Slot

Kensington Cable Lock None



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-vear. Onsite

Included Upgrade

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

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- EPEAT[™] 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® 11 DG Windows 10 Pro 64, German

Bundled Software

None

MODEL

| TopSeller | : Yes | Announce Date | : 2021-11-05 |
|-----------------|-----------------|----------------|--------------|
| EAN / UPC / JAN | : 0196119156124 | 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

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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...

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...

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

PSREF Product Specifications Reference