

ThinkCentre M90a Pro Gen 6 13AM0007PB

Lenovo

PSREF
Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ Ultra 5 235, 14C (6P + 8E) / 14T, Max Turbo up to 5.0GHz, 24MB

AI PC Category^[1]

AI PC

NPU

Integrated Intel® AI Boost, up to 13 TOPS

Graphics

Integrated Intel® Graphics

Chipset

Intel® Q870 Chipset

Memory

1x 16GB SO-DIMM DDR5-5600

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB DDR5-5600

Storage

512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Max Storage Support^{[3][4]}

Up to three drives, 3x M.2 SSD
• M.2 SSD up to 2TB each

Card Reader

3-in-1 Card Reader

Audio Chip

High Definition (HD) Audio, Realtek® ALC233NL-VB2-CG codec

Speakers

5Wx2

Camera

5.0MP + IR Hybrid

Microphone

2x, Array

Power Supply

180W 90%

DESIGN

Display^[5]

27" QHD (2560x1440) IPS Anti-glare 400nits, 120Hz, 99% sRGB, hardware low blue light, flicker free, eyesafe

Keyboard

EOS Wireless Keyboard, Black, English (EU)

Mouse

Wireless EOS Mouse, black

Expansion Slots

Four M.2 slots (one for WLAN, three for SSD / discrete NPU)

Case Color

Black

Stand

Full Function Monitor Stand

Mounting

VESA mount

Pen

Pen Not Supported

Form Factor

AIO (27 inches)

Dimensions (WxDxH)^[6]

613.6 x 222.21 x 415.18-560.18 mm (24.16 x 8.75 x 16.35-22.05 inches)

Weight^[7]

12.31 kg (27.14 lbs, maximum configuration)

CONNECTIVITY

WLAN + Bluetooth®

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®

WWAN

Non-WWAN

Ethernet

Integrated 100/1000M

Rear Ports

- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
- 1x HDMI® (HDMI® in 1.4 / HDMI® out 2.1 TMDS combo port)
- 1x DisplayPort™ 1.4a (HBR2)
- 1x Ethernet (RJ-45)

Right Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 up to 65W output, DisplayPort™ 2.1, Always On
- 1x USB-C® (USB 10Gbps / USB 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

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Fingerprint Reader

No fingerprint reader

Physical Locks

Kensington® Security Slot™, 3 x 7 mm

Chassis Intrusion Switch

Chassis Intrusion Switch

Other Security

ThinkShutter camera cover (camera models)

MANAGEABILITY

System Management^[8]

Intel® vPro® Enterprise

SERVICE

Base Warranty

3-year, Onsite

Included Upgrade

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

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- TCO edge
- TCO Certified 10.0
- ErP Lot 3
- GREENGUARD®
- RoHS compliant

Other Certifications^[9]

- Anti-dust
- IP55-compliant (front face)
- Eyesafe® Certified 2.0
- SGS Performance Tested certification : Super Quiet@Hi-Performance Grade 1
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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, Contamination by Fluids, Salt Fog)

SOFTWARE

Operating System

Windows® 11 Pro, Polish / English

MODEL

TopSeller : Yes

Announce Date : 2025-04-29

EAN / UPC / JAN : 0198157089686

End of Support : 2031-11-01

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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



Lenovo USB-C to Ethernet Adapter

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

Recommended Services

BEST	4Y Premier Support upgrade from 1Y Premier Support (5WS1F52300)
BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1C83308)
GOOD	2Y Premier Support upgrade from 1Y Premier Support (5WS1C83303)

Please click [here](#) to view the full list of accessories.



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