# ThinkCentre M90a Pro Gen 6 13AQ000RPB



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core™ Ultra 9 285, 24C (8P + 16E) / 24T, Max Turbo up to 5.6GHz, 36MB Intel® Smart Cache
- 2x 32GB SODIMM DDR5-5600
- 2x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0
- NVIDIA GeForce RTX™ 4050 6GB GDDR6
- Windows® 11 Pro, Polish / English
- Case color - Black
- 1Y Premier Support from 3Y Onsite WHB (CPN)

## 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

## 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

## Recommended Accessories

Poland



Lenovo Wireless VoIP Headset (USB-C, Teams)

4XD1W27286



Lenovo 900 Multi-Device Wireless Mouse

GY51V37443



DisplayPort to Single-Link DVI-D (Digital) Monitor Adapter Cable II

4X91W44833



Lenovo Select FHD Webcam Gen2

GXC1S15023



ThinkPad 2TB Performance PCIe Gen4 NVMe OPAL2 M.2 2280 SSD Gen3

4XB1N36076



Kensington MicroSaver DS 2.0 Cable Lock from Lenovo

4XE1L68273

>> View More Accessories

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## PERFORMANCE

**Processor**
Intel Core™ Ultra 9 285, 24C (8P + 16E) / 24T, Max Turbo up to 5.6GHz, 36MB Intel® Smart Cache

**AI PC Category**
AI PC[1]

**NPU**
Integrated Intel® AI Boost, up to 13 TOPS + Discrete NPU card, up to 30 TOPS

**Graphics**
NVIDIA GeForce RTX™ 4050 6GB GDDR6

**Chipset**
Intel® Q870 chipset

**Memory**
2x 32GB SODIMM DDR5-5600

**Memory Slots**
Two DDR5 SODIMM slots, dual-channel capable

**Max Memory**[2]
Up to 64GB DDR5-5600

**Storage**
2x 1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

**Max Storage Support**[3]
Up to three drives, 3x M.2 SSD • M.2 SSD up to 2TB each[4]

**RAID Preset**
None

**Card Reader**
3-in-1 card reader (SD, SDHC, SDXC)

**Optical**
DVD±RW, via USB external ODD box

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

**Speakers**
5Wx2

**Camera**
5.0MP + IR Hybrid with Human Presence Detection

**Microphone**
Dual-microphone array

**Power Supply**
230W 92%

## DESIGN

**Display**[5]
27" QHD (2560x1440) IPS Anti-glare 400nits, 120Hz, 99% sRGB, hardware low blue light, flicker free, eyesafe, Focus Sound

**Touchscreen**
Non-touch

**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®[8]

**WWAN**
WWAN not supported

**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

**Additional Security**
Smart Human Presence Detect

**Other Security**
Smart Human Presence Detection (Camera with Radar Sensor)

## MANAGEABILITY

**System Management**[9]
Intel® vPro® Enterprise

## SERVICE

**Base Warranty**
3-year limited onsite service

**Included Upgrade**
1Y Premier Support from 3Y Onsite WHB (CPN)

## CERTIFICATIONS

**Green Certifications**
- ErP Lot 3
- GREENGUARD®
- RoHS compliant

**Other Certifications**
- Anti-dust
- 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

## ACCESSORIES

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 0199271004494 |
| **Announce Date** | : 2025-10-21 | **End of Support** | : 2031-11-01 |

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