ThinkCentre M90q Gen 6 13AC0023CA



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
- 1x 16GB SODIMM DDR5-5600
- 256GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Integrated Intel Graphics
- Windows 11 Pro, French
- Case color - Black
- 3-year, Onsite

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

United Kingdom



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



ThinkCentre Tiny DP Expansion Card with BTB Connector II

4XH1U89937



ThinkCentre Tiny Dust Shield Gen6

4XH1U87485



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs)

4XD1T54899



ThinkCentre 1TB Value PCIe Gen4 NVMe OPAL 2.0 M.2 2280 SSD II

4XB1T87552



Lenovo 310 FHD Webcam Black

GXC1S15024

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Lenovo

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
None

Graphics
Integrated Intel® Graphics

Chipset
Intel® Q870 Chipset

Memory
1x 16GB SODIMM DDR5-5600

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

Max Memory
Up to 64GB (2x 32GB DDR5 SODIMM)

Storage
256GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support
Up to three drives, 3x M.2 2280 SSD • M.2 2280 SSD up to 2TB each

Card Reader
No card reader

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC233VB or Conexant CX11771 codec

Speakers
Premium, 2Wx1

Power Supply
230W 89% Adapter

DESIGN

Keyboard
USB Traditional Keyboard, Black, French

Mouse
USB Calliope Mouse, Black

Expansion Slots
- One PCIe® 4.0 x8, low-profile
- Three M.2 PCIe® Gen 4x4 slots (for SSD)
- One M.2 slot (for WLAN)

Case Color
Black

Stand
Vertical Stand

Adapter Cage
None

Toolless Chassis Screw
None

Dust Filter
None

Mounting
None

IO Box
None

Pen
Pen Not Supported

Form Factor
Tiny (1L)

Dimensions (WxDxH)
179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

Weight
Around 1.34 kg (2.95 lbs)

CONNECTIVITY

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

WWAN
WWAN Not Supported

Ethernet
Integrated 100/1000M

Front Ports
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

Rear Ports
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports Smart Power On
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (GbE RJ-45)

Optional Rear Ports (configured)
1x DP

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

MANAGEABILITY

System Management
Intel® vPro® Enterprise

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
None

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 9.0
- ErP Lot 3
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test
MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Solar Radiation, Contamination by Fluids, Salt Fog)

SOFTWARE

Operating System
Windows® 11 Pro, French

Bundled Software
None

ACCESSORIES

Bundled Accessories
None

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 199271850886
Announce Date	: 2025-07-01	**End of Support**	: 2031-12-27

Note:
[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.