

# ThinkCentre M70a Gen 6

Built for modern business needs, this AIO is powered by the Intel® Core™ Ultra 5 / 7 Processor, delivering up to 66 TOPS AI performance for faster computing and intelligent task management. AI-driven enhancements, including Lenovo AI Now, optimize workflows, enhance security, and improve system efficiency. The Intelligent Cooling Engine (ICE) 7.0 ensures optimal thermal performance, reducing noise and energy consumption. With support for up to 64GB DDR5-5600 memory, 4TB SSD storage, and Intel® Wi-Fi 7 (5 Gig) connectivity, it offers speed, capacity, and reliability for demanding workloads.



## Empowering the modern workforce with a streamlined desktop experience

The ThinkCentre M Series AIOs offer seamless productivity with powerful processors, ample memory, and vibrant display. Space-saving design and versatile connectivity cater to the diverse needs of modern professionals.

The stunning 23.8" FHD near-borderless display offers an immersive viewing experience with sharp visuals and a sleek, modern design that enhances focus and productivity. Powered by integrated Intel® graphics, it delivers smooth performance for everyday business tasks, presentations, and multitasking. To further enhance usability, the next-gen stand options, including full-functional, Ultra Flex, or tilt-only provide customizable ergonomics, ensuring comfort and adaptability in any workspace.

Enhance business collaboration with dual 2W Dolby Atmos® stereo speakers for immersive sound and AI noise suppression for clear video calls. Additionally, TÜV Rheinland-certified low blue light and flicker-free technology ensure eye comfort, making it perfect for productive, extended work sessions.

Designed for business professionals who prioritize sustainability and efficiency, this ThinkCentre is EPEAT Gold, TCO 10.0, and Energy Star 9.0 certified for superior energy savings. Built with 85% post-consumer recycled (PCC) materials, it helps reduce your environmental footprint while delivering reliable performance for your business needs.

# Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



## On-site Service

- On-site support if needed
- Normally next business day service
- Agreed appointment times

# Accessories

## Lenovo Essential Wireless Combo Keyboard & Mouse Gen 2



- Embrace the freedom of a clutter-free and cable-free work setup.
- Ergonomically sculpted cups and low-profile island keys for maximum comfort.
- A 2.4 MHz receiver for a seamless keyboard and mouse connection.

PN: 4X31N50708 – 4X31N50757

# ThinkCentre M70a Gen 6



## Performance

### Processor

Intel Core Ultra 5/7 Processor (Series 2)

### Operating System

Windows 11 Pro or Home

### NPU

Integrated Intel AI Boost, up to 13 TOPS  
(Optional) Discrete NPU card, up to 30 TOPS\*

### Graphics

Intel Graphics (integrated)

### Chipset

Intel Q870 chipset

### Memory <sup>1</sup>

Up to 64GB DDR5-5600, two SO-DIMM slots

<sup>1</sup>The max memory is based on the test results with current Lenovo memory offerings.

### Storage <sup>2 3</sup>

Up to two drives, 2x M.2 SSD  
M.2 SSD up to 1TB each  
RAID 0/1 support for SSDs

<sup>2</sup>The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

<sup>3</sup>Discrete NPU and 2nd SSD are mutually exclusive.

### Optical <sup>\*</sup>

DVD-ROM or DVD±RW

### Audio

High Definition (HD) Audio  
Stereo speakers (2W x2), Dolby Atmos  
Dual-microphone array\*

### Camera <sup>\*</sup>

5.0-megapixel RGB, fixed view angle  
5.0-megapixel RGB, view angle adjustable  
5.0-megapixel RGB & IR hybrid, view angle adjustable

### Power Supply <sup>\*</sup>

90W 89% adapter

## Design

### Display

23.8" FHD (1920x1080) IPS display, Anti-glare, 16:9  
- 250nits, 99% sRGB, hardware low blue light, flicker free, eyesafe 2.0, optional touch

### Form factor

AIO (23.8 inches)

### Dimensions <sup>4</sup>

Models (with UltraFlex V stand, with camera):  
Starting at (flat mode) 539.6 x 333.45 x 224.10 mm (21.24 x 13.13 x 8.82 inches)  
Models (with tilt only stand, with camera):  
Starting at 539.6 x 213.14 x 442 mm (21.24 x 8.39 x 17.4 inches)  
Models (with full function monitor stand, with camera):  
Starting at 539.6 x 222.21 x 393.01 mm (21.24 x 8.75 x 15.47 inches)

<sup>4</sup>The system dimensions may vary depending on configurations.

### Weight <sup>5</sup>

Models (with UltraFlex V stand): 7.16 kg (15.79 lbs, maximum configuration)  
Models (with tilt only stand): 7.12 kg (15.7 lbs, maximum configuration)  
Models (with full function monitor stand): 8.08 kg (17.81 lbs, maximum configuration)

<sup>5</sup>The system weight is approximate and may vary depending on configurations

### Color

Black

### Bays

No bays

### Expansion Slots

Three M.2 slots (one for WLAN, two for SSD / discrete NPU)

## Connectivity

### Ethernet <sup>\*</sup>

Gigabit onboard Ethernet

### WLAN + Bluetooth <sup>\* 6</sup>

802.11be (Wi-Fi 7) or 802.11ax (Wi-Fi 6 / Wi-Fi 6E),  
Bluetooth 5.2, 5.3 or 5.4  
Up to Realtek Wi-Fi 7 RTL8922AE, Bluetooth 5.4

<sup>6</sup>Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

### 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)  
1x serial\*

### Right ports

1x headphone / microphone combo jack (3.5mm)  
1x USB-A (USB 10Gbps / USB 3.2 Gen 2)  
1x USB-C (USB 10Gbps / USB 3.2 Gen 2), support data transfer and 5V@3A charging  
1x card reader\*

## Security & Privacy

### Security

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified  
Kensington Security Slot, 3 x 7 mm  
Chassis Intrusion Switch\*  
ThinkShutter camera cover (camera models)\*

## Manageability

### System Management <sup>\* 7</sup>

Intel vPro Enterprise

<sup>7</sup>Intel vPro offers a superset of DASH's defined capabilities.

## Lenovo services

### Base Warranty

Up to 3-year limited onsite service

## Certifications

### Green Certifications <sup>9 10</sup>

ENERGY STAR 9.0\*  
EPEAT Gold Registered\*  
ErP Lot 3  
GREENGUARD  
RoHS compliant  
TCO Certified, generation 10\*  
TCO edge\*

<sup>9</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>10</sup>EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

### Other Certifications

Eyesafe Certified 2.0  
TÜV Rheinland Flicker Free  
TÜV Rheinland Low Blue Light (Hardware Solution)  
Healthcare compliance: Part of IEC 60601-1 / IEC 60601-2  
IP54-compliant (front face, for non-touch models)\*  
IP55-compliant (front face, for touch models)\*  
SGS Performance Tested certification : Extreme Comfortable Noise  
Anti-dust  
MIL-STD-810H military test passed