Lenovo
ThinkCentre

Space-saving productivity is essential for today's healthcare, corporate, and point-of-sale (POS) environments—making the Lenovo ThinkCentre M70q Gen 6 the perfect fit. Built on Intel vPro® with up to Intel® Core™ Ultra 7 (35W) processors and 5600 MHz Dual Channel DDR5 memory, this 1L desktop delivers full-sized performance without taking up precious desk space. From multitasking across four displays to staying seamlessly connected with Wi-Fi 7 (5 Gig), it's a compact powerhouse designed to elevate everyday efficiency.

Managing workloads and devices has never been easier. Preloaded with Lenovo AI Now[1], this intelligent desktop provides secure, local knowledge and assistance when you need it. AI Turbo Engine dynamically allocates workloads between CPU, GPU, and NPU for peak performance, while Smart Power On enables quick startup. Plus, the EOU Design chassis makes maintenance and upgrades hassle-free.

As a secured-core PC, the M70q Gen 6 delivers end-to-end protection for your most sensitive data. Lenovo ThinkShield ensures multi-layered security, while the self-healing BIOS with hardware-level recovery provides an extra layer of defense against sophisticated threats. Get more done with the Lenovo AI Now, a built-in assistant that simplifies daily tasks and streamlines workflows. With massive storage, impressive memory, and AI expandability via the optional dNPU, this innovative desktop helps you work smarter—every day.

intel CORe ULTRA 7 | intel vPRO

AI PCs built for business

[1] Optional

Lenovo ThinkCentre
M70q Gen 6

Lenovo ThinkCentre M70q Gen 6

	M70q Gen 5	M70q Gen 6	Gen-to-Gen
Processor/Chipset	Up to Intel vPro® Enterprise with Intel® Core™ i7 processor (Gen 14) / Intel Q670	Up to Intel vPro® Enterprise with Intel® Core™ Ultra 7 / Intel Q870	On-device AI-accelerated productivity
Connectivity	Up to Intel® Wi-Fi 6E AX211	Up to Intel® 7 (5 Gig)/(160MHz)	Faster and more stable wireless connectivity
Sustainability	ENERGY STAR® 8.0; TCO Certified 9.0	ENERGY STAR® 9.0; TCO Certified 10.0	Elevated sustainability certifications

intel CORe ULTRA 7 | intel vPRO

AI PCs built for business

Lenovo

Lenovo ThinkCentre M70q Gen 6

INTELLIGENT PERFORMANCE

The Intel® Core™ Ultra 7 processor fueling the Lenovo ThinkCentre M70q Gen 6 delivers efficient performance, so users are more productive, more collaborative, more secure, and happier with their technology. Plus, Intel vPro® ensures security and manageability to help protect your organization and make IT's life easier. Lenovo AI Now[1] features amplify on-device AI efficiency, including secure local knowledge assistance and PC assistance for intuitive management and instant service support. Lenovo's proprietary AI Turbo Engine preloaded software optimizes AI system performance by efficiently allocating workloads between CPU, GPU, and NPU. And you'll never press pause productivity with powerful Intel® Wi-Fi 7 (5 Gig) capability (160 MHz) for lightning-fast data-sharing and lower latency.

FLEXIBLE PRODUCTIVITY

Customize your workspace for maximum efficiency, with upgraded BTB expansion for faster USB speeds, ample I/O ports, and the ability to connect to up to four displays—all while boasting dual-channel DDR5 memory up to 5600 MHz, two Gen4 SSD storage, and three M.2 slots. This sleek Lenovo ThinkCentre also provides optional dNPU and Thunderbolt high-speed ports to further enhance hybrid and digital workplace expansion for a broadened ecosystem.

ROBUST SECURITY

A secured-core PC (Level 3), the Lenovo ThinkCentre M70q Gen 6 delivers no-compromise security for your business. Lenovo ThinkShield offers solutions that combine hardware, software, and services for end-to-end protection, while Intel vPro® utilizes security capabilities built right into the silicon to provide advanced threat protections, application and data protections, and below-the-OS protections. Additional security features include self-healing BIOS, the dTPM chip, BIOS-based Smart USB Protection, a Kensington™ Cable Lock slot, and more. Lenovo has also amplified security and manageability with ThinkCentre Customization (TCC), a Desktop-as-a-Service offering providing a unique end-to-end customization solution to secure your device, data, and business with remote management platform.

INTENTIONAL ENGINEERING

This sleek, good-looking Tiny desktop is small in size but big on sustainability. With recycled materials used in the design and packaging, as well as enhanced certifications including Energy Star 9.0 and TCO 10.0, environmental stewardship is a high priority. Undergoing rigorous testing for reliability and durability, the Lenovo ThinkCentre M70q Gen 6 maintains industry-leading standards, including TÜV anti-dust, low surface, and shock-resistance certifications, along with IEC Electrical Safety and Electromagnetic certification.

Lenovo ThinkCentre M70q Gen 6

Lenovo Services

Lenovo offers support for your ThinkCentre devices and your commitment to sustainability.

LENOVO PREMIER SUPPORT PLUS
Resolve issues quickly with easy break/fix support with 24/7/365 access to Lenovo expert engineers for a seamless remote fix, boosting productivity and device longevity while supporting circularity. AI-powered proactive and preventive alerts provide insights before issues arise. Benefit from next-business-day onsite labor and parts prioritization, Accidental Damage Protection for mishaps such as drink spills, Keep Your Drive, and more.

LENOVO CO_2 OFFSET SERVICES
Lenovo's CO_2 Offset Service makes offsetting carbon emissions simple and within the control of the customer. We offset the carbon emissions across the average lifecycle associated with each of our devices by providing the option at point of purchase. These offsets help support climate action projects verified by United Nations, Gold Standard®, and Climate Action Reserve.

ASSET RECOVERY SERVICE (ARS)
Lenovo's Asset Recovery Services (ARS) enables secure destruction of data, helps reduce e-waste, and offers a fair market value for your end-of-life IT assets. The service also supports equipment from any manufacturer including PCs and tablets, monitors, servers, phones, printers, copiers, and networking equipment.

Accessories

ThinkCentre Tiny Vesa Mount II

This unique mount design houses the Tiny PC while featuring the universal VESA mount configuration and can be used separately or combined with other options for secure mounting functionality.

PN: 4XF0N03161

ThinkCentre Tiny VI Vertical Stand

This innovative, elegant stand is designed with a small dip angle in front for ease of installation. Free up valuable workspace, minimizing vibration and noise while maximizing thermal performance.

PN: 4X31R64316-4X31R64359

ThinkCentre Tiny VI Dust Shield

Extend the life of your ThinkCentre Tiny by protecting it from dust, dirt, and other foreign objects that can get inside. Improve the performance and overall life of your Tiny with this easy to remove, wash, and replace dust shield.

PN: 4XF1A40558

Lenovo Combo Keyboard & Mouse Gen 2

Blending functionality, comfort, and style, the slim 2.5-zone keyboard offers a premium typing experience with silent keys, while the standard-size mouse complements it in both design and utility. A 2.4 MHz receiver ensures a reliable connection, and with 65% post-consumer recycled plastic, this combo is both sustainable and efficient.

PN: 4X31R64***

ThinkVision P27QD-40 Monitor

This 27-inch QHD display with an AI-powered 24-120 Hz variable refresh rate delivers dynamic power savings, daisy-chain connectivity for up to four monitors, and 140W power delivery for enhanced productivity. Lenovo Display Fleet Manager (LDFM) provides streamlined IT management and efficient firmware upgrades.

PN: 664B3GAR2xx

Lenovo

Lenovo ThinkCentre M70q Gen 6

performance

PROCESSOR
Up to Intel® Core™ Ultra 7 processor on the Intel vPro® platform

OPERATING SYSTEM
Windows® 11 Pro
Windows® 11 Home
Windows® 11 Home Single Language
Windows® 11 IoT Enterprise LTSC 2024
Ubuntu Linux
No preload operating system

GRAPHICS
Intel® Graphics

NPU
Integrated Intel® AI Boost, up to 13 TOPS
Discrete NPU card, up to 30 TOPS[1]

STORAGE
Up to 2x 2TB M.2 2280 Gen4 Performance SSD

MEMORY
Max memory[2]: Up to 64GB DDR5-5600
Memory slots: 2xDDR5 SODIMM slots, dual-channel capable

ADAPTOR
135W 90%; 65W/90W 89%

design

EOU
Toolless chassis open (toolless chassis screw required)[1]

DIMENSIONS
179 x 182.9 x 36.5mm / 7.05 x 7.2 x 1.44 in

WEIGHT
1.18 kg / 2.6 lbs.

STAND
Vertical stand[1]

MOUNTING
Supports VESA mount 100mm[1]

OTHERS
Dust filter[1]
Power adaptor cage[1]

connectivity

FRONT PORTS
1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only
2x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports 5V@2.1A charging
1x headphone / microphone combo jack (3.5mm)

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® 2.1 TMDS
1x DisplayPort™ 1.4a (HBR2)
1x Ethernet (GbE RJ-45)

Optional Rear Ports
Punch out port 1 (one of VGA / DisplayPort™ 1.4a HBR2 / HDMI® 2.1 TMDS/ HDMI® 2.1 FRL / serial / 2.5GbE RJ-45 / USBC® (USB 10Gbps / USB 3.2 Gen 2) with DisplayPort™ 1.4a HBR2 function and 100W PD in)

Punch out port 2 (one of VGA / DisplayPort™ 1.4a HBR2 / HDMI® 2.1 TMDS/ HDMI® 2.1 FRL / serial / 2.5GbE RJ-45 /Thunderbolt™ 4 (USB4® 40Gbps)

2x USB-A (USB 10Gbps / USB 3.2 Gen 2), occupies port 1 and 2

EXPANSION SLOT
3x M.2 slots (one for WLAN, two for SSD)

WI-FI
Intel® Wi-Fi 7 (5 Gig) 2x2 AX (160Hz)[1]
Intel® Wi-Fi 6E 2x2 AX[1]
Intel® Wi-Fi 6 2x2 AX[1]

sustainability*

MATERIAL
65% recycled post-consumer content (PCC) with PC/ABS plastic used in the chassis
95% PCC ABS with brand closed-loop material in wired keyboard/mouse

PACKAGING
60% PIC + 30% OBP thermal shell
30% OBP bag
FSC carton

security

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

PHYSICAL LOCKS
Kensington® Security Slot™, 3 x 7 mm

CHASSIS INTRUSION SWITCH
Chassis intrusion switch[3]

BIOS SECURITY
Administrator password
Hard disk password
Power-on password
Absolute persistence module
Boot sequence control
Boot without keyboard and mouse
Cover tamper detected
Certificate-based BIOS athentication
Configuration change detection
Individual USB port disablement
Intel® BIOS guard
Secure wipe
Secure boot
Self-healing BIOS
Smart USB protection (allows keyboard/ mouse only, blocks all storage devices)

MANAGEABILITY
Up to Intel® vPro® Enterprise[1]

green certifications

ENERGY STAR® 9.0[1]
EPEAT™ Gold Registered[1]
RoHS compliant
TCO Certified 10.0

other certifications

TÜV Rheinland® Ultra Low Noise[1]
Mil-Spec Test: MIL-STD-810H

AI PCs built for business