ThinkCentre M70t Gen 6

Designed for modern business professionals who demand high performance and seamless multitasking, this ThinkCentre desktop, equipped with the Intel® Core™ Ultra 7 Processor (Series 2), delivers exceptional speed and responsiveness across intensive workloads. With integrated Intel® Graphics for everyday efficiency and optional discrete NVIDIA® GeForce RTX™ 3050 or Intel® Arc™ A310 LP graphics, this desktop is ideal for rendering complex models, analyzing big data, or editing high-resolution media. Its ability to support up to three independent displays through onboard ports (2x DisplayPort and 1x HDMI®), with additional support through discrete GPUs, enhances productivity for professionals managing multi-window workflows, real-time dashboards, or multi-application environments.

Empowering the modern workforce with a streamlined desktop experience

Whether you run a small business or a department of an enterprise, these desktops are built to handle every workload. Easy to manage, they offer great expandability, rapid processing, and seamless switching between multiple programs.

For business professionals who demand peak performance, this desktop delivers exceptional capabilities with its up to 128GB DDR5-5600 memory configuration. It enables seamless multitasking for data analysts running complex financial models, architects rendering 3D designs, and video editors processing 4K footage without bottlenecks.

The Smart Power On feature enables users to remotely wake their systems from sleep or powered-off states using convenient methods such as keyboard shortcuts or network commands. This functionality ensures enhanced system responsiveness and helps maximize productivity.

From advanced graphics to multiple I/O ports, the device is a perfect mix of onboarding premium design and features at an affordable price.

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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..

Accessories

Lenovo Essential USB Mouse

- Convenient and easy plug-and-play connection to PCs via a USB cable
- Ergonomic full-size design provides a comfortable grip for all day comfort
- Ambidextrous design, high-resolution 1600 DPI optical sensor experience smooth movment

PN: 4Y50R20863

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Performance

Processor
Intel Core Ultra 3 / 5 / 7 Processor (Series 2)

Operating System*
Windows 11 Pro or Home
Windows 11 IoT Enterprise LTSC 2024
Ubuntu Linux

NPU*
Integrated Intel AI Boost, up to 13 TOPS

Graphics
Intel graphics (Integrated)
Intel Arc A310 LP 4GB
NVIDIA GeForce RTX 3050 6GB
NVIDIA GeForce RTX 5050 8GB

Chipset
Intel Q870 chipset

Memory
Up to 128GB DDR5, four UDIMM slots

Storage
Support up to four drives, 1x 3.5" HDD + 1x 2.5" HDD + 2x M.2 SSD
3.5" HDD up to 2TB
2.5" HDD bay is only for customer self upgrade*
M.2 SSD up to 2TB each
RAID 0/1 support

Optical*
DVD-ROM or DVD±RW

Audio*
High Definition (HD) Audio
Single speaker, 2W x1

Power Supply*
400W 92%, 310W 92%, 260W 90%, 200W 90% PSU

Design

Form factor
Tower (13.6L)

Dimensions
145 x 296 x 346 mm (5.7 x 11.7 x 13.6 inches)

Weight
5.7 kg (12.6 lbs, maximum configuration)

Color
Black

Bays
1x 2.5" disk bay*
1x 3.5" disk bay
1x slim ODD bay

Expansion Slots
Two PCIe 3.0 x1
One PCIe 4.0 x16
Three M.2 slots (one for WLAN, two for SSD)

Connectivity

Ethernet*
Gigabit onboard Ethernet

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

Front ports
1x USB-C (USB 5Gbps / USB 3.2 Gen 1), with 15W charging
2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
1x headphone / microphone combo jack (3.5mm)
1x card reader*

Rear ports
4x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On and USB Always On
1x HDMI 2.1 TMDS
2x DisplayPort 1.4a (HBR3, DSC)
1x Ethernet (RJ-45)
1x line-out (3.5mm)
2x USB-A (USB 5Gbps / USB 3.2 Gen 1), via 2-port USB expansion card, PCIe x1*
1x 2.5GbE RJ-45, via additional PCIe adapter*
1x parallel*
1x serial*
1x 2nd seria*
4x serial (via 4-port serial expansion card, PCIe x1)*
2x PS/2*

Security & Privacy

Security
Discrete TPM 2.0
Kensington Security Slot
Padlock Loop
E-lock*
Smart Cable Clip*
Chassis Intrusion Switch*

Manageability

System Management*
Intel vPro Enterprise

Environmental

Material
97% PIC EPE cushion and 30% OBP bag FSC carton in packaging
85% PCC ABS in chassis
95% PCC ABS in KB/mouse
65% PCC ABS (EOS 2.4G wireless)

Lenovo services

Base Warranty
Up to 3-year limited onsite service

Certifications

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

Other Certifications
TÜV Rheinland Ultra Low Noise*
MIL-STD-810H

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2026 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.