

Lenovo ThinkCentre

Built on Intel vPro® Enterprise with up to Intel® Core™ i9 processor for unmatched performance, the Lenovo ThinkCentre M90t Gen 5 tower desktop delivers enhanced connectivity, AI acceleration, and unique security technology. This customizable desktop with versatile connectivity and impressive expandability enables awe-inspiring productivity. Power through administrative tasks, data-intensive projects, and graphic-heavy jobs with Lenovo's AI enhancements. Plus, the innovative Smart Cable enables laptop-desktop collaboration to further enhance your multitasking efficiency.

Experience limitless creativity with Intel® UHD 770 graphics or optional discrete GPUs with local graphics AI processing. ThinkShield end-to-end protection and the Smart Power On feature amplify the chip-level security of the Intel vPro® platform to provide a safe, world-class business PC solution. Green certifications and use of recycled materials make this powerhouse as good for the environment as it is for productivity.

Smarter
technology
for all

Lenovo



Lenovo ThinkCentre
M90t Gen 5

Lenovo ThinkCentre M90t Gen 5



SMART PERFORMANCE

Transform every digital task with Lenovo's innovative AI-accelerated features to enhance performance. For intense multitasking and data-heavy projects, this Lenovo ThinkCentre prioritizes power usage, distributing the boost you need when and where you need it, all while learning along the way. Your device always stays quiet and cool, with the AI-driven fan control, which improves the temperature and noise experience. To improve sustainability, power consumption is optimized to enhance per-watt energy performance with every task. With our Sustainability Services, Lenovo embeds sustainability into every stage of the device lifecycle, from design and manufacturing to use and return.



PREMIUM PRODUCTIVITY

This Lenovo desktop tower is powered by up to Intel vPro® Enterprise with up to Intel® Core™ i9 processors for real-world, business-class performance, as well as up to four DDR5 UDIMM (5600MHz) and up to 128GB memory support. Graphics options include integrated Intel® graphics or several of the latest discrete GPUs with local graphics AI processing, enabling users to power through renderings, video editing, and VR/AR content creation with ease. Plus, Lenovo Deployment Services provide a flexible and efficient experience across the organization to ensure IT readiness from day one.



FLEXIBLE VERSATILITY

This Lenovo ThinkCentre offers multiple I/O ports and flexible expansion slots to customize any workspace, including the support of up to four additional displays. Get innovative device collaboration with the Smart Cable, with easy USB-A and USB-C connection to support all your peripherals—even another laptop or tablet. Share device control, data, even screen projection between devices with this intelligent feature that supports USB 3.2 data transfer speed. Looking for flexible support? With Premier Support Plus, Lenovo engineers are available 24/7/365 for the ultimate IT support experience.



SECURE PROTECTION

Get the end-to-end protection of Lenovo ThinkShield plus Intel vPro® Enterprise to provide a combination of hardware, software, and platform-level security for next-gen data and business protection. The dTPM 2.0 chip encrypts passwords and data, while embedded control (EC) self-healing and BIOS-based Smart USB protection help avert cyberthreats. And with the Kensington™ Lock slots, chassis e-locks, and more options to provide physical security, this powerful tower delivers on confident security.



Lenovo ThinkCentre M90t Gen 5

Lenovo Services

Lenovo offers support for your ThinkCentre devices, as well as 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, device longevity and 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 CO₂ OFFSET SERVICES

Lenovo's CO₂ 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

Lenovo ThinkVision P24q-30

Get fast and efficient multitasking productivity with the crisp, clear views of this generous 23.8" QHD panel. High image quality at every angle with 99% sRGB and the ability to attach additional screens with daisy chain enrich collaboration. Plus, the flexible ergonomic stand adjusts for maximum comfort.



PN: 63B4-GAR6-xx

Lenovo Performance FHD Webcam

Enjoy pixel-perfect high-definition FHD 1080P video with 1/2.9-inch RGB sensor for crystal clear videoconferencing. Two integrated mics ensure clear audio from every angle while 95° lens plus 360° pan/tilt controls capture every visual.



PN: 4XC1D66055

Lenovo Professional Wireless Rechargeable Combo Keyboard and Mouse

A revolution in productivity and design, this full-size keyboard features scissor switches that create an elevated typing experience. Its mouse, marvelously crafted from bio-rubber, keeps you comfortable all day and is equipped with an impressive 4,000 DPI sensor. Plus, both the keyboard and mouse are made from eco-friendly 65% recycled material that protects the environment.



PN: 44X31K039xx

Lenovo Wired ANC Headset Gen 2 (Teams)

Certified for Microsoft Teams, with a noise-canceling mic that optimizes speech clarity, this enterprise-grade on-ear headset boasts customizable features with the Lenovo Audio Central end user app, as well as a centralized Lenovo Manager tool for ITDM simplicity.



PN: 4XD1M45627

*Dependent on market, parts, and HW availability.





Lenovo ThinkCentre M90t Gen 5

EMEA version April 2024

performance

PROCESSOR

Up to Intel vPro® Enterprise with Intel® Core™ i9 processor (Gen 14)

OPERATING SYSTEM

Windows 11 (Home & Pro)
Windows 11 Downgrade (Pro)
Windows 11 (IoT)
Linux Ubuntu

GRAPHICS

Intel® UHD 770 graphics
NVIDIA® GeForce RTX™ 4060¹
NVIDIA® GeForce RTX™ 3050 6GB¹
Intel® A310¹
AMD Radeon RX 6600LE¹

STORAGE

Up to 2TB M.2 2280 Gen4 Performance SSD
Up to 2TB 3.5" SATA 3.0 HDD

MEMORY

4x DDR5 UDIMM (up to 5600MHz/128GB)

PSU

500W 92%; 300W 90%

connectivity

FRONT PORTS

1x USB-C 3.2 Gen 2 (15W charging)
2x USB 3.2 Gen 2 + 2x USB 3.2 Gen 1
Card Reader (3 in 1)¹
1x Combo + 1x Mic

REAR PORTS

4x USB 3.2 Gen 1
1x Flex IO (DP 1.2/HDMI 2.1 TMDS/Type-C/VGA)
2x DP 1.4 HBR2 + 1x HDMI 2.1 TMDS
2x Serial¹
1x LAN (1G)
1x Audio out
2x PS2¹
2x Parallel¹

EXPANSION SLOT

1x PCIe x16 Gen 4
1x PCIe x16 Gen 4 (x4 link)
1x PCIe x1
2x M.2 SSD Gen 4
1x M.2 Wi-Fi

INTERNAL BAY

2x 3.5" HDD

EXTERNAL BAY

1x Slim ODD

WI-FI

Intel® AX211 Wi-Fi 6E
Intel® AX201 Wi-Fi 6
Liteon RTL8852BE WIFI 6 2x2 AX

security

dTPM 2.0 chip
EC Self-healing
BIOS-based Smart USB Protection
Chassis E-Lock
Kensington™ Lock
Padlock Loop¹
Smart Cable Clip¹

design

EOU

Yes

DIMENSIONS

376 x 170 x 297.85 mm/14.80 x 6.69 x 11.73 in

WEIGHT

6.5 kg/14.3 lbs

manageability

Supports up to 4 independent monitors
Smart Power On
4-port COM add-on card
Intel vPro® Enterprise

certifications

Energy Star® 8.0
EPEAT™ Gold
RoHS
ERP LOT 3
TÜV Ultra Low Noise
TCO 9.0
Mil-spec 810H

sustainability*

MATERIAL

85% PCC ABS in chassis
95% PCC ABS in keyboard/mouse

PACKAGING

97% PIC EPE cushion
30% OBP bag
FSC carton

*Acronyms:

EPE: Expanded Polyethylene
FSC: Forest Stewardship Council
OBP: Ocean-Bound Plastic (reducing plastic spill into oceans/sea)
PCC: Post-Consumer Content (recycled materials from customers)
PIC: Post Industry Content (recycled materials from internal factories)

¹ Optional

©2024 Lenovo. All rights reserved. These products are available while supplies last. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and/or other countries. All other trademarks are the property of their respective owners.

