

Lenovo ThinkCentre

With built-in AI features, the Lenovo ThinkCentre M90s Gen 5 delivers unmatched performance to tackle data-crunching tasks and graphic-heavy projects with ease. Powered by Intel vPro® Enterprise with up to Intel® Core™ i9 processors, this customizable solution helps increase employee productivity with impressive power, better connectivity, and AI acceleration. Experience unhindered creativity as well, thanks to Intel® UHD 770 graphics or up to Intel® A310 GPU (optional) with local graphics AI processing.

Ample ports and hybrid storage support maximum flexibility and expandability, and features like the innovative Smart Cable enable desktop-laptop collaboration for soaring efficiency. Security and manageability are covered too—inside and out—with Lenovo ThinkShield and Intel vPro® Enterprise for an unrivaled end-to-end business PC solution. Daily videoconferences are more natural and glitch-free, with Intel® Wi-Fi 6E¹ capability for lightning-fast data-sharing speed and lower latency.

Smarter
technology
for all

Lenovo

Lenovo ThinkCentre M90s Gen 5



¹ Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications and spectrum allocation.

Lenovo ThinkCentre M90s Gen 5



PREMIUM PERFORMANCE

There's no program too complex or file size too large to keep this Lenovo ThinkCentre from running at the speed of the human imagination. This desktop is power-packed with up to Intel vPro® Enterprise with 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 Intel® UHD 770 graphics or Intel A310 GPU. Plus, Lenovo Deployment Services provide a flexible and efficient experience across the organization to ensure IT readiness from day one.



INTELLIGENT PRODUCTIVITY

This small form factor powerhouse makes every day smarter. When multitasking and data-heavy tasks fill your days, this Lenovo ThinkCentre prioritizes power usage, allocating the boost you need when and where you need it—always learning along the way. And your device will stay as cool as you are, with the AI-driven fan control, which improves the temperature and noise experience. Even power consumption is optimized, enhancing per-watt energy performance for improved sustainability. With our Sustainability Services, Lenovo embeds sustainability into every stage of the device lifecycle, from design and manufacturing to use and return.



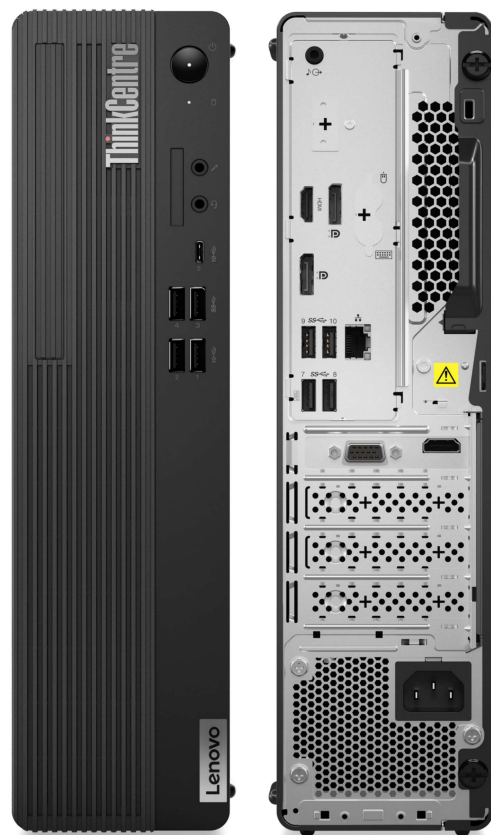
CONFIDENT SECURITY

Lenovo ThinkShield offers end-to-end security with a combination of hardware and software solutions to protect your data—and your business. Embedded controller (EC) self-healing maximizes security, and the dTPM 2.0 chip encrypts your passwords and data, while BIOS-based Smart USB Protection prevents unauthorized access via peripherals. Built on the Intel vPro® platform, this powerful device delivers the best of Intel hardware-based security to better safeguard data and assets with below-the-OS security features and advanced threat detection. The Kensington™ Lock slots, chassis e-locks, and more options provide physical security to protect against theft.



EXPANDABLE FLEXIBILITY

The Smart Cable enables innovative desktop-laptop collaboration. In fact, the easy USB-A and USB-C connections support the peripherals that make your day even more productive. Share device control, data, even screen projection between devices with this intelligent feature that supports USB 3.2 data transfer speed. Plus, this Lenovo ThinkCentre offers hybrid storage alongside a Flex I/O port and PCI expansion slot to meet the complex IT needs of today's businesses, including the ability to support up to four independent monitors. Looking for flexible support? With Premier Support Plus, Lenovo engineers are available 24/7/365 for the ultimate IT support experience.



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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.

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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
Up to Intel® A310 GPU¹

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

310W 92%; 260W 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
Optional Card Reader (3 in 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

1x 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

339.5 x 92.5 x 297.7 mm/13.4 x 3.6 x 11.7 in

WEIGHT

5.3kg/11.7 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

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



*Acronyms:

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

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