

ThinkCentre M90t Gen 4

Packed with advanced features, this desktop is designed to cater to the unique demands of professionals working in their offices. From data analysis to video editing, lightning-fast processing speeds delivered by up to 13th Gen Intel Core i9 processor ensure each task is completed efficiently. Experience stunning visuals with integrated Intel UHD graphics or opt for NVIDIA graphics for design, 3D modeling, and video rendering tasks. Graphic designers and architects will appreciate the crisp imagery and smooth rendering capabilities.



Mainstream computing for a variety of business uses

The ThinkCentre M9 Series offers more expansion and performance capabilities than any other desktop in our portfolio; perfect for users who need higher computing performance than average.

It boasts a comprehensive range of ports, including USB-C, HDMI, and DisplayPort, enabling hassle-free connections to peripherals, monitors, and projectors. With up to 5 drives storage capacity including, dual 2.5" HDD and M.2 SSD bays, store all the files, documents, and projects securely while enjoying quick access times.

Never slow down with up to 128GB of DDR5 memory, which makes multitasking a breeze. From researchers to software developers, professionals can seamlessly switch between applications, ensuring a smooth workflow.

Configure with responsive SSD storage, NVIDIA GeForce RTX 3050 graphics and Intel Core i9 processor to support seamless multitasking of graphic design workloads.

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

If a problem can't be fixed remotely, we will visit your location
Normally next business day service
Agreed appointment times

Accessories

ThinkVision T32h-20

31.5" QHD (2560x1440) near-borderless monitor with 99% sRGB colour gamut
1x HDMI, 1x DisplayPort, 1x USB-C (data, video & data), 4x USB3.1, audio out
Lift, Tilt, Pivot, Swivel stand for viewing comfort.
Integrated smartphone holder in base.



ThinkVision T34w-20

34" WQHD display with 1500R curvature, ultra-wide 21:9 aspect ratio, 3000:1 contrast ratio, 99% sRGB colour gamut
1x HDMI, 1x DisplayPort. Integrated USB hub (1x USB-C, 4x USB3.1). Audio out.
Lift, Tilt, Pivot, Swivel stand for viewing comfort.
Integrated smartphone holder in base.



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Performance

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|---|
| Processor Intel 13th Generation Intel Core i3/i5/i7/i9 |
| Operating System Windows 11 Pro 64 Windows 11 Home 64 Windows 11 Home 64 Single Language Windows 11 DG Windows 10 Pro 64 Windows 10 IoT Enterprise LTSC 2021 Ubuntu Linux |
| Graphics Intel UHD graphics 730/770 (Integrated) AMD Radeon RX 6400 4GB NVIDIA GeForce RTX 3050 8GB NVIDIA GeForce RTX 4060 8GB |
| Chipset Intel Q670 Chipset |
| Memory ¹ Up to 128GB DDR5, four DIMM slots |
| Storage ² Up to five drives, 2x 2.5"/3.5" HDD + 1x 2.5" HDD + 2x M.2 SSD 2.5" HDD up to 1TB each 3.5" HDD up to 2TB M.2 SSD up to 2TB RAID 0/1 support (RAID preset only available via special bid models) |
| Optical DVD-ROM or DVD±RW* |
| Audio High Definition (HD) Audio Single speaker, 2W x1 |
| Power Supply 500W 92%, 300W 90% PSU, 260W 90% PSU |

Design

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| Form factor Tower (17L) |
| Dimensions ³ 170 x 298 x 376 mm (6.7 x 11.7 x 14.8 inches) <i>³The system dimensions may vary depending on configurations.</i> |
| Weight ⁴ Around 6.5 kg (14.3 lbs) <i>⁴The system weight is approximate and may vary depending on configurations</i> |
| Color Black |
| Bays 1x 2.5" disk bay (bay comes with disk) 1x 3.5" disk bay 1x 3.5" disk bay (optional, or bay comes with disk) 1x slim ODD bay |
| Expansion Slots One PCIe 4.0 x16, full-height One PCIe 4.0 x16 (x4 signal), full-height One PCIe 3.0 x1, full-height Three M.2 slots (one for WLAN, two for SSD) |
| Connectivity |
| Ethernet Gigabit onboard Ethernet |
| WLAN + Bluetooth 802.11ax (Wi-Fi 6 / Wi-Fi 6E), Bluetooth 5.1 up to Intel Wi-Fi 6E AX211 11ax Bluetooth 5.1 |

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| Front ports 1x USB-C 3.2 Gen 2 (support data transfer and 15W charging) 2x USB 3.2 Gen 1 2x USB 3.2 Gen 2 1x headphone / microphone combo jack (3.5mm) 1x microphone (3.5mm) 1x card reader* |
| Rear ports 4x USB 3.2 Gen 1 1x HDMI 2.1 TMDS 2x DisplayPort 1.4 1x Ethernet (RJ-45) 1x line-out (3.5mm) 1x USB-C 3.2 Gen 1 with DP function (Flex IO)* 1x HDMI 2.1 TMDS (Flex IO)* 1x VGA (Flex IO)* 1x DP 1.2 (Flex IO)* 1x USB-C 3.2 Gen 2x2 (via PCIe x4 card)* 2x USB-C 3.2 Gen 2 (via PCIe x4 card)* 2x USB 2.0 (via 2-port adapter)* 2x USB 3.2 Gen 1 (via PCIe x1 card)* 1x parallel* 1x serial* 1x 2nd serial* |

Security & Privacy

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

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| Intel vPro Enterprise* |
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⁵Intel vPro offers a superset of DASH's defined capabilities.

Lenovo services

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| Up to 3-year limited onsite service |
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Certifications

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| Green Certifications ⁶ EPEAT Gold Registered* EPEAT Silver Registered* ENERGY STAR 8.0* ErP Lot 3 TCO Certified 9.0 RoHS compliant |
| <i>⁶The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.</i> |
| Other Certifications TÜV Rheinland Low Noise* 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. © 2023 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.