

# ThinkCentre M90t Gen 6

Built to redefine enterprise efficiency, this next-gen ThinkCentre powered by Intel® Core™ Ultra 9 (Series 2) processors delivers top-tier performance for today's business professionals. Whether managing real-time financial models, conducting architectural simulations, or developing enterprise-grade applications, its integrated Intel® Graphics ensures fluid, responsive visuals without compromising power efficiency. The support for up to four independent displays via dual DisplayPort, HDMI®, and optional Flex IO enables seamless peripheral connectivity, swift data transfer, efficient device charging, or display mirroring. This robust configuration empowers professionals across industries to analyze data, design visuals, and drive innovation with unmatched clarity and speed.



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## Empowering the modern workforce with a streamlined desktop experience

ThinkCentre M9 Series desktops offer powerful performance with efficient processors, ample memory, and SSD storage, making them ideal for modern professionals requiring reliable computing for multitasking, creative work, and collaboration.

Configured with up to 128GB DDR5-5600 memory, this desktop delivers unmatched performance for memory-intensive tasks, whether you're analyzing complex financial datasets, rendering high-definition architectural visualizations, or managing extensive healthcare records. Furthermore, with the integrated discrete TPM 2.0 chip (TCG certified), your sensitive business data remains protected against unauthorized access, providing enterprise-grade security.

Unleash high-performance storage with the 2x 3.5" HDD, 1x 2.5" HDD, and 3x M.2 SSD support that results in lightning-fast read and write speeds, swift boot times, and accelerated application loading.

The desktop's Smart Power On feature enhances convenience and efficiency by enabling remote startup which increases accessibility and productivity. It supports scheduled operations, energy-saving configurations, and proactive maintenance, ultimately optimizing workflow and resource utilization.

## 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..



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## Accessories

### Lenovo Go Wireless Vertical Mouse

- 6-button mouse including 2 programmable side buttons and an IR sensor
- True Ergonomic vertical design with a 45-degree vertical grip made from treated cork material
- 800, 1600, 2400 adjustable DPI and 2.4 GHz wireless dongle connection



PN: 4Y51C33792

### Lenovo Go Wireless Numeric Keypad

- 21-key numeric keypad with industry-leading scissor switch keys
- Minimalist design with ultra slim profile at 13 mm with dedicated productivity keys (Calculator, Tab, Equal, Esc keys)
- Rechargeable , up to 3 months use in single charge (may vary based on usage)



PN: 4Y41C33791, GY41C33979



# ThinkCentre M90t Gen 6

## Performance

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| <b>Processor</b><br>Intel Core Ultra 5 / 7 / 9 Processor (Series 2)  |
| <b>Operating System*</b><br>Windows 11 Pro or Home<br>Windows 11 IoT Enterprise LTSC 2024<br>Ubuntu Linux  |
| <b>NPU*</b><br>Integrated Intel AI Boost, up to 13 TOPS  |
| <b>Graphics</b><br>Intel Graphics (Integrated)<br>Intel Arc A310 LP 4GB<br>NVIDIA GeForce RTX 3050 6GB<br>NVIDIA GeForce RTX 5060 8GB<br>NVIDIA GeForce RTX 5070 12GB  |
| <b>Chipset</b><br>Intel Q870 chipset   |
| <b>Memory<sup>1</sup></b><br>Up to 128GB DDR5, four UDIMM slots  |
| <sup>1</sup> The max memory is based on the test results with current Lenovo memory offerings.   |
| <b>Storage<sup>2 3</sup></b><br>Up to six drives, 2x 3.5" HDD + 1x 2.5" HDD + 3x M.2 SSD<br>3.5" HDD up to 2TB<br>2.5" HDD bay is only for customer self upgrade<br>M.2 SSD up to 2TB each<br>RAID 0/1/5 support |
| <sup>2</sup> The max capacity of each disk type is based on the test results with current Lenovo storage offerings.  |
| <sup>3</sup> 2.5" HDD bay and 2nd 3.5" bay are optional parts, and 2.5" HDD bay is only for customer self upgrade purpose and the hard drive is sold separately.   |
| <b>Optical*</b><br>DVD-ROM or DVD±RW   |

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| <b>Audio*</b><br>High Definition (HD) Audio<br>Single speaker, 2W x1 |
| <b>Power Supply*</b><br>500W 92%, 400W 92%, 310W 92%, 260W 90% PSU   |

## Design

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| <b>Form factor</b><br>Tower (17L)  |
| <b>Dimensions<sup>4</sup></b><br>170 x 298 x 376 mm (6.7 x 11.7 x 14.8 inches)   |
| <sup>4</sup> The system dimensions may vary depending on configurations.   |
| <b>Weight<sup>5</sup></b><br>6.5 kg (14.3 lbs, maximum configuration)  |
| <sup>5</sup> The system weight is approximate and may vary depending on configurations   |
| <b>Color</b><br>Black  |
| <b>Bays</b><br>1x 2.5" disk bay (optional)*<br>1x 3.5" disk bay<br>1x 3.5" disk bay (optional, or bay comes with disk)*<br>1x slim ODD bay |

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| <b>Expansion Slots</b><br>One PCIe 5.0 x16<br>One PCIe 4.0 x16 (x4 signal)<br>Two PCIe 3.0 x1<br>Four M.2 slots (one for WLAN, three for SSD) |
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## Connectivity

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| <b>Ethernet*</b><br>Gigabit onboard Ethernet |
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| <b>WLAN + Bluetooth*<sup>6</sup></b><br>802.11ax (Wi-Fi 6E) or 802.11be (Wi-Fi 7), Bluetooth 5.3 or 5.4<br>Up to Intel Wi-Fi 7 BE200, Bluetooth 5.4 |
| <sup>6</sup> Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.  |

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| <b>Front ports</b><br>2x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>2x USB-A (USB 10Gbps / USB 3.2 Gen 2)<br>1x headphone / microphone combo jack (3.5mm)<br>1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), with 15W chargingOptional<br>1x card reader* |
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| <b>Rear ports</b><br>2x USB-A (Hi-Speed USB / USB 2.0)<br>2x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>1x HDMI 2.1 TMDS<br>2x DisplayPort 1.4a (HBR3, DSC)<br>1x Ethernet (RJ-45)<br>1x line-out (3.5mm)<br>1x USB-C (USB 5Gbps / USB 3.2 Gen 1), with DisplayPort function and 5V@3A charging (Flex IO)*<br>1x HDMI 2.1 TMDS (Flex IO)*<br>1x DP 1.4 HBR2 (Flex IO)*<br>1x VGA (Flex IO)*<br>2x USB-A (Hi-Speed USB / USB 2.0), via 2-port adapter*<br>2x USB-A (USB 5Gbps / USB 3.2 Gen 1), via 2-port USB expansion card, PCIe x1*<br>1x 2.5GbE RJ-45, via additional PCIe adapter*<br>1x parallel*<br>1x serial<br>1x 2nd serial*<br>2x PS/2* |
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## Security & Privacy

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| <b>Security</b><br>Discrete TPM 2.0<br>Kensington Security Slot<br>Padlock Loop<br>E-lock*<br>Smart Cable Clip*<br>Chassis Intrusion Switch* |
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## Manageability

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| <b>System Management*<sup>7</sup></b><br>Intel vPro Enterprise            |
| <sup>7</sup> Intel vPro offers a superset of DASH's defined capabilities. |

## Environmental

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| <b>Material<sup>8</sup></b><br>97% PIC EPE cushion and 30% OBP bag FSC carton ir packaging<br>85% PCC ABS in chassis<br>95% PCC ABS in KB/mouse<br>65% PCC ABS (EOS 2.4G wireless)  |
| <sup>8</sup> PCC: Post Consumer Content, recycled materials from customers. PIC: Post Industry Content, recycled materia from internal factories. EPE: Expanded Polyethylene. OE Ocean Bound Plastic, reducing plastic spill into the sea. FSC: Forest Stewardship Council. |

## Lenovo services

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| <b>Base Warranty</b><br>Up to 3-year limited onsite service |
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## Certifications

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| <b>Green Certifications<sup>9 10</sup></b><br>ENERGY STAR 9.0*<br>EPEAT Gold Registered*<br>TCO Certified, generation 10*<br>ErP Lot 3<br>GREENGUARD<br>RoHS compliant |
| <sup>9</sup> The items listed under the "Green Certifications" sectio may not only refer to certification but also registration c self-declaration.                    |
| <sup>10</sup> EPEAT is registered where applicable, please see epeat.net for registration status by country.   |