

# ThinkCentre M90t and M90s

As a thought-leader in intelligent transformation, Lenovo ThinkCentre offers you best-in-class technology solutions that not only meet your business needs today but also grow with your business, through customization or upgrades, for years to come. The newest generation of ThinkCentre M90 tower and small form factor offer best-in-class performance, expandability, and security delivered in even smaller, modern desktop designs that boost productivity as well as business.

With up to Intel® Core™ i9 vPro® processors, ThinkCentre M90t and M90s offer robust, unrivaled performance, lightning-fast speed, productivity enhancing upgrades like Modern Standby, and the ability to connect to up to three displays. Maximum expandability lets you bridge between legacy peripherals and future storage needs. Security and manageability are covered—inside and out—with ThinkShield solutions and the Intel® vPro® platform.

Smarter  
technology  
for all

Lenovo



intel  
CORE i9  
vPRO

# ThinkCentre M90t and M90s



## UNRIVALED PERFORMANCE

There's no program too complex or file size too large to keep ThinkCentre M90t and M90s from running at the speed of the human imagination. These desktops are packed with up to Intel® Core™ i9 vPro® processors, up to four DDR4 UDIMM (2933Mhz) with up to 128G memory support, and graphics options that include NVIDIA® GeForce® GTX 2060 dGFX, enabling users to power through renderings, video editing, and VR/AR content creation with ease. As part of the new NVIDIA RTX Studio program, ThinkCentre M90t helps you work faster from concept to completion with an incredible boost in performance.



## SECURITY INSIDE AND OUT

ThinkCentre devices allow your employees to innovate fearlessly with the reinforced security of ThinkShield, the most comprehensive, end-to-end security solution on the market that combines industry-leading hardware, software, services, and processes to protect your ideas and your business. ThinkCentre M90t and M90s have built-in ThinkShield features, such as self-healing BIOS, dTPM 2.0 chip, and Smart USB protection, in addition to many more security features that can be customized to meet your unique needs. The Intel vPro® platform brings together the best of Intel innovations, so you can accelerate business productivity, better safeguard data and assets, and gain long-term stability. Kensington™ Lock slots, chassis e-locks, and more options provide physical security to protect against theft.



## MAXIMUM EXPANDABILITY

ThinkCentre M90t and M90s offer an array of HDD and SDD expansion slots that allow these desktops to grow with your business. Add graphics cards to support industry-specific imaging equipment, connect to legacy peripherals—the possibilities are endless.



## OUTSTANDING PRODUCTIVITY

Added features, like Modern Standby, which enables the device to stay up-to-date even during sleep mode, save precious time and keep work moving efficiently. ThinkCentre M90t and M90s also offer a more ergonomic user experience with the ability to connect to three displays and a USB-C port located on the front panel that enables quick and convenient data sharing.



## COMPREHENSIVE MANAGEABILITY

IT professionals will appreciate that ThinkCentre M90t and M90s are easy to deploy and easy to manage from both a software and hardware standpoint. Lenovo offers a variety of pre-installed OS options to meet your customization needs. Expansion is hassle-free, as well, thanks to an ease-of-use design that offers quick access to the DIMM, HDD, SDD, and ODD. The Intel vPro® platform is built for business, so you have the assurance that you're getting everything you need to run productively, more securely, and cost-effectively.



## purposeful design

ThinkCentre M90t and M90s improve upon already near-perfect desktops with features like easy access to internal components and Smart Power On, which allows users to turn on the desktop using a simple keyboard shortcut. An optional vertical stand for ThinkCentre M90s raises the front of the PC to offer easier access to I/O ports when kept on the floor, reducing neck and back strain for users.

## relentless innovation

We are inspired by our customers and what they want from our devices, and it shows in additions like fast-charge USB ports located on the front panel, Smart USB protection, and much more.

## trusted quality

Lenovo's dedication to constantly improving product quality means rigorous testing for durability and reliability, which results in our products achieving one million hours mean time between failure. Lenovo has over 70 desktop reliability labs, testing real-world challenges such as volt surges, shock, vibration, and extreme temperatures.



## ThinkCentre M90t and M90s

# performance

### PROCESSOR

Up to 10<sup>th</sup> Generation Intel® Core™ i9 vPro® Processors

### OPERATING SYSTEM

Up to Windows 10 Pro 64 bit

### GRAPHICS

NVIDIA® GeForce® RTX 2060 dGFX (M90t only)  
NVIDIA® GeForce® GTX 1660 dGFX (M90t only)  
RX550 (M90t only)  
Radeon 520

### MEMORY

4 DDR4 UDIMM 2933MHz (128G max support)

### PSU

M90t: 500W 92%; 300W 90%; 300W 85%; 180W 85%  
M90s: 380W 92%; 310W 92% 260W 85% 180W 85%

# security

dTPM 2.0 chip  
BIOS-based Smart USB Protection  
Intel® vPro® Platform  
Chassis E-Lock (optional)  
Padlock Loop (optional)  
Kensington™ Lock (optional)  
Smart Cable Clip (optional)

# connectivity

### FRONT PORTS

1x USB 3.2 Gen 1 Type-C  
2x USB 3.2 Gen 1  
2x USB 3.2 Gen 2  
Optional Card Reader  
1x Combo + 1x Mic

### REAR PORTS

4x USB 3.2 Gen 1  
Flex I/O (type-C/HDMI/DP)  
DP + DP  
1x Serial, Optional 2<sup>nd</sup> serial  
1x LAN  
1x Speaker  
Optional Parallel

### EXPANSION SLOT

2x PCIe x16  
1x PCIe x1

### M.2 SLOT

2x M.2 SSD or Intel® Optane™  
1x M.2 WiFi

### INTERNAL BAY

M90t: 2x 3.5" HDD (one for optional) + 1x 2.5" HDD  
M90s: 1x 3.5" HDD + 1x 2.5" HDD

### EXTERNAL BAY

1x Slim ODD

# wifi

WiFi 6 2x2 AX  
WiFi 5 2x2 AC



# design

### EOU

Yes

### DIMENSIONS

M90t: 170 x 376 x 298 mm; 6.7 x 14.8 x 11.7 in  
M90s: 92.5 x 340 x 298 mm; 3.6 x 13.4 x 11.7 in

### WEIGHT

M90t: 7kg/15.45lbs.  
M90s: 6kg/13.23lbs.

# manageability

3 Independent Monitors  
Smart Power On  
4-port LAN Add-on Card  
4-port COM Add-on Card  
Intel® vPro® Platform

# green certifications

Energy Star® 8.0 (varies by configuration)  
EPEAT™ Gold (varies by configuration)  
RoHS  
ERP LOT3  
TÜV Low Noise Certification  
TCO 8.0

# optional services

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkCentre investment—so you can focus on your work, not your IT.

### PREMIER SUPPORT

Provides direct access to skilled and experienced Lenovo technicians offering comprehensive hardware and software support. Gives you a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.

### ACCIDENTAL DAMAGE PROTECTION (ADP)

Prevents the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage.

### WARRANTY EXTENSION (3-YEAR BASE, UP TO 5 YEARS TOTAL)

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and lower the cost of ownership over time.

# accessories



### LENOVO ESSENTIAL WIRELESS KEYBOARD AND MOUSE

COMBO PN: Varies by country

This combo allows you to connect both keyboard and mouse using only one nano USB wireless receiver. The slim, wireless keyboard has a responsive key feeling, and includes an adjustable tilt leg, numeric keypad, and spill resistant design. The full-size wireless mouse accommodates left- and right-handed users.



### LENOVO PRO WIRED STEREO VOIP HEADSET PN: 4XD0S92991

This headset offers the versatility of using the USB or 3.5mm connection, allowing users to stay connected with their PC or personal device. It also features a noise-cancelling microphone that eliminates background noise for better conversation. Set up is easy—simply plug in and go.



### KENSINGTON™ MICROSAVER™ 2.0 TWIN CABLE LOCK PN:

4XE0N80915

Secure two devices with the same cable lock. Engineered to be the smallest, strongest lock for desktop, laptop, monitors, and other devices, the MicroSaver 2.0 represents the next generation of cable security.

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