

ThinkCentre M90q GEN 2

Smarter technology for all means leading the world's intelligent transformation by reshaping expectations of simple, functional, and valuable computing experiences. Lenovo has been a pioneer in this space since the introduction of its first 1L Tiny desktop and space-saving Tiny-in-One (TIO), which bundles a Tiny and monitor together for more cost-effective upgrades. This latest generation, ThinkCentre M90q Gen 2, delivers more powerful, enterprise-level performance, productivity, and security in a legendary Tiny footprint.

ThinkCentre M90q Gen 2 features up to Intel® Core™ i9 vPro® processors for unbeatable performance. The ability to connect to up to three displays and flexibility of mounting options, including under desks and on walls, boost productivity while offering a more ergonomic computing experience for users. Business owners will appreciate that ThinkCentre M90q Gen 2 is protected inside and out with ThinkShield solutions, including self-healing BIOS and the built for business Intel vPro® platform.

Smarter
technology
for all

Lenovo



intel
CORE
vPRO
i9

ThinkCentre M90q Gen 2



EXTRAORDINARY PERFORMANCE

This Tiny desktop boasts full-size processing power that keeps up with the speed of business with up to Intel® Core™ i9 vPro® processors for real-world, business-class performance, up to two DDR4 SODIMM (3200MHz), and dual punch-outs that allow users to configure ThinkCentre M90q Gen 2 to meet their needs.



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 M90q Gen 2 has built-in ThinkShield features, such as self-healing BIOS and TPM 2.0 chip, in addition to many more security features that can be customized to meet your unique needs. Because ThinkCentre is built on the Intel vPro® platform with Intel® Hardware Shield, you have the best of Intel hardware-based security features to better safeguard data and assets including below-the-OS security features and advanced threat detection. Meanwhile, a Kensington™ Cable Lock slot keeps thieves from literally walking away with your data.



ENTERPRISE-LEVEL PRODUCTIVITY

ThinkCentre M90q Gen 2 increases productivity with features like Smart Power On, which allows users to turn on the desktop using a simple keyboard shortcut even when the power button is not accessible, and Modern Standby, which enables the device to stay up-to-date even during sleep mode. Users can connect ThinkCentre M90q Gen 2 to as many as three displays while a USB-C port is conveniently located on the front panel for quick data sharing.



EASY EXPANDABILITY

With expansion slots and add-ons, ThinkCentre M90q Gen 2 is designed to grow with your business. Add graphics cards to support industry-specific imaging equipment, connect to legacy peripherals—the possibilities are endless.



COMPREHENSIVE MANAGEABILITY

ThinkCentre M90q Gen 2 is easy to deploy, upgrade, and manage thanks to features like built-in driver support for older OS versions, a PCIe add-on slot, and an X4 Ethernet add-on card. With the Intel vPro® platform, you have the assurance of remote modern manageability inside or outside the firewall, even when the PC is out of band. Toolless access to the SSD and memory module make expansion and maintenance fast and efficient.



ENHANCED USER EXPERIENCE

ThinkCentre M90q Gen 2 is designed with people—and shrinking workspaces—in mind. Its sleek, modern design and compact 1L form enable this Tiny PC to fit seamlessly into modern offices, healthcare, finance, or retail environments either sitting out, mounted in various locations, or bundled with Tiny-in-One (TIO).



purposeful design

ThinkCentre M90q Gen 2 enhances the computing experience with practical features like Smart Power On, which allows users to turn on the desktop using a simple keyboard shortcut. This is especially useful when ThinkCentre M90q Gen 2—and its power button—are bundled inside TIO.

relentless innovation

We are inspired by our customers and what they want from our devices. It shows in additions, like Modern Standby, and the added value our ThinkCentre M90q Gen 2 offers when bundled with TIO. This combination allows businesses to upgrade monitors and PCs separately to save budget and offers users an even more clutter-free, space-saving design.

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. In addition to our extensive in-house testing for real-world challenges, ThinkCentre M90q Gen 2 is tested against MIL-STD methods and procedures.



ThinkCentre M90q Gen 2



performance

PROCESSOR

Up to 11th Generation Intel® Core™ i9 vPro® Processors

OPERATING SYSTEM

Up to Windows 10 Pro 64 bit

MEMORY

2x DDR4 SODIMM 3200MHz
Up to total 64GB

PSU

230W 89%
135W 89%

security

TPM 2.0 chip
BIOS-based Smart USB Protection
Intel vPro® Platform
Intel® Hardware Shield
Kensington™ Cable Lock

connectivity

FRONT PORTS

1x USB 3.2 Gen 2 with fast charging support to 5V 2.1A
1x USB 3.2 Gen 2 Type-C

REAR PORTS

2x USB 3.2 Gen 2
2x USB 3.2 Gen 1
DP + HDMI
2x Punch Out (serial/DP/HDMI/Type-C/VGA+serial port/
2x USB 3.2 Gen 1/2x DP1.2/4x USB 3.2 Gen 1)
1x LAN

EXPANSION SLOT

2x M.2 SSD
1x M.2 WiFi

INTERNAL BAY

1x 2.5" HDD
PCIe add-on cards (only Lenovo qualified)

EXTERNAL BAY

Optional ODD box

wifi

WiFi 6 (WLAN 802.11 AX)
2X2 AX with Bluetooth 5.0

design

EOU

Yes

DIMENSIONS

179 x 36.5 x 182.9 mm

WEIGHT

1.32kg/2.91lbs

MIL-SPEC

Yes, 10 items

manageability

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

green certifications

Energy Star® 8.0
EPEAT™ Gold
RoHS
ERP LOT3
TÜV Low Noise Certification
TCO 8.0

optional services

PREMIER SUPPORT

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems. Get a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.^{1,2}

ACCIDENTAL DAMAGE PROTECTION (ADP)

Protect your investment from operational or structural damage caused by common accidents like drops, spills, or electrical surges. This protection plan helps with predictable budgeting, minimizes unexpected repair costs and provides significant savings relative to the cost of non-covered repairs.^{1,2}

WARRANTY EXTENSION

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your investment, and lower the cost of ownership over time.¹

¹Up to 5 years total duration

²May not be available in all regions

accessories



THINKCENTRE TINY VESA MOUNT II PN: 4XF0N03161

The ThinkCentre Tiny VESA Mount II is uniquely designed to house the Tiny PC. This versatile mount device can be used separately or combined with other options for a secure mounting functionality.



THINKCENTRE TINY SANDWICH KIT II PN: 4XH0N04098

The Tiny Sandwich Kit II is a mechanical bracket that enables more desktop and floor space while providing a secure solution to protect your Tiny PC. This attractive space-saving solution is constructed of high-grade steel and mounts easily. The open architecture provides easy access to various ports and control buttons of your ThinkCentre Tiny PC.



THINKCENTRE TINY IV DVD BURNER KIT PN: 4XA0N06917

The ThinkCentre Tiny IV DVD Burner Kit provides excellent read/write capabilities using SATA interfaces for speedy execution. You just need to insert this DVD Burner to the VESA Mount to enjoy crisp, clear DVD playback and reliable DVD recording with your ThinkCentre Tiny DVD solution.

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