ThinkCentre M90q Gen 3

The latest premium ThinkCentre M90q Gen 3 Tiny Desktop delivers big productivity for the modern workplace, including healthcare, finance, and retail environments. Featuring up to Intel vPro® Enterprise with 12th Generation Intel® Core™ i9 processors and built on the latest Windows 11 platform, this powerful desktop can fit—or hide—almost anywhere, while enabling enterprise-level performance, speed, and manageability. Plus, Modern Standby allows the system to continue processing background tasks even as battery life is being preserved.

Flexible mounting options, including under desks and on walls, plus the ability to support up to four independent displays and connect with a variety of additional devices, allow users to create an optimal and efficient workspace that meets their distinctive needs. Data stays secure with the end-to-end protection of ThinkShield solutions, including self-healing BIOS, as well as the built-for-business Intel vPro® platform. And when bundled with TIO*, ThinkCentre M90q Gen 3 offers even greater value and more cost-effective upgrade options.

*Supports TIO 22/24 Gen 3, TIO 22/24 Gen 4, TIO 27, and TIO Flex.

Smarter technology for all

Lenovo

ThinkCentre M90q Gen 3

performance

PROCESSOR
Up to Intel vPro® Enterprise[1]
with 12th Generation Intel® Core™ i9 processors

OPERATING SYSTEM
Windows 11 (Home & Pro)
Windows 11 Downgrade (Pro)
Windows 10 (IoT)

MEMORY
Up to 2 DDR5 SODIMM 4800MHz

PSU
230W 89%, 135W 89%, 90W 89%, 65W 89%

security

Intel vPro® Enterprise
dTPM 2.0 chip
EC Self-healing (level 2)
BIOS-based Smart USB Protection
Kensington™ Cable Lock

connectivity

FRONT PORTS
2x USB 3.2 Gen 2
1x USB-C 3.2 Gen 2
1x Audio Combo

REAR PORTS
2x USB 3.2 Gen 2
2x USB 3.2 Gen 1
1x HDMI 2.1 TMDS
1x DP 1.4
Flex IO port #1 (VGA/DP/HDMI/Type-C/Serial)
Flex IO port #2 (VGA/DP/HDMI/Serial/LAN)
Flex IO port #1 + #2 (2x USB 3.2 or 4x USB 3.2)
1x LAN (1G)

EXPANSION SLOT
1x PCIe slot x8 (Gen 4)

M.2 SLOT
2x M.2 SSD (PCIe Gen 4)
1x M.2 Wi-Fi

INTERNAL BAY
1x 2.5" HDD

EXTERNAL BAY
Optional ODD box

WI-FI
Intel® Wi-Fi 6E[2] (WLAN 802.11 AX)
Intel® Wi-Fi 6 (WLAN 802.11 AX)

design

EOU
Yes (Open chassis/HDD)

DIMENSIONS
36.5 x 179 x 182.9 mm / 1.4 x 7 x 7.2 in

WEIGHT
1.3 kg / 2.8 lbs

MIL-STD-810H
Yes

manageability

Supports up to 4 monitors
Smart Power On

green certifications

Energy Star® 8.0
EPEAT™ Gold[3]
RoHS
ERP LOT3
TÜV Ultra Low Noise
TCO 9.0[3]

[1]Optional

[2]16GHz 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.

[3]Varies by configuration

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