# ThinkCentre M90q 11CR004ECK

# PERFORMANCE

Processor Intel® Core™ i9-10900 (10C / 20T, 2.8 / 5.2GHz, 20MB)

Graphics Integrated Intel UHD Graphics 630

Chipset Intel Q470 Chipset

Memory 1x 16GB SO-DIMM DDR4-2933

Memory Slots Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory Up to 64GB DDR4-2933

Storage 512GB SSD M.2 2280 PCIe 3.0x4 NVMe Opal

Optane<sup>™</sup> Memory None

#### **Storage Support**

- Up to three drives, 1x 2.5" HDD + 2x M.2 2242/2280 SSD
- 2.5" HDD up to 1TB
- M.2 SSD up to 2TB each

Optional Intel Optane Memory, M.2

# Card Reader

No card reader

## Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC233VB codec

Speakers

# Power Supply

230W 89% Adapter

# DESIGN

Keyboard

USB Traditional Keyboard, Black, Czech / Slovak

# Mouse

USB Calliope Mouse, Black

#### **Expansion Slots**

- One PCIe 3.0 x8, low-profile
- Three M.2 slots (one for WLAN, two for SSD)

## Case Color

Black

Stand None

# Adapter Cage

None Toolless Chassis Screw Toolless Chassis Screw

Dust Filter None

VESA Mount

VESA Mount

Form Factor Tiny (1L)

#### Dimensions (WxDxH)

179 x 183 x 34.5 / 37 mm with rubber feet (7.05 x 7.2 x 1.36 / 1.5 inches with rubber feet) Weight

1.25 kg (2.76 lbs)

# CONNECTIVITY

Ethernet Integrated 100/1000M

WLAN + Bluetooth™

Intel AX201 11ax, 2x2 + BT5.1, vPro

#### Front Ports

- 1x headphone / microphone combo jack (3.5mm)
- 1x USB 3.2 Gen 2 (Always On and fast charge)
- 1x USB-C 3.2 Gen 1

#### **Optional Front Ports (configured)**

None

#### **Rear Ports**

- 2x USB 3.2 Gen 2
- 1x HDMI<sup>®</sup>
- 1x DisplayPort™
- 1x Ethernet (RJ-45)
- 2x USB 3.2 Gen 1

#### **Optional Rear Ports (configured)** 1x Serial + 1x DP

Monitor Cable

None

# **SECURITY & PRIVACY**

**Security Chip** 

Discrete TPM 2.0, TCG certified

# Fingerprint Reader

No fingerprint reader Physical Locks

Kensington<sup>®</sup> Security Slot

Lenovo

PSREF Product Specifications Reference

#### Kensington® Cable Lock None

Chassis Intrusion Switch Chassis Intrusion Switch

# MANAGEABILITY

System Management Intel<sup>®</sup> vPro, DASH

# SERVICE

Base Warranty 3-year, Onsite

Included Upgrade

None

## CERTIFICATIONS

#### **Green Certifications**

- EPEAT<sup>™</sup> Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant
- TCO Certified 8.0

#### Mil-Spec Test

MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

# SOFTWARE

#### Operating System

Windows® 10 Pro 64, Czech / Slovak / English

#### **Bundled Software**

None

### MODEL

TopSeller	: Yes	Announce Date	: 2020-06-23
EAN / UPC / JAN	: 0195235458945	End of Support	: 2027-01-11

# Premier Support - A direct 24x7x365 line to our most elite technicians.



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Comprehensive hardware & OEM software support



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Technical Account Managers for proactive relationship and escalation management

Priority on service delivery and repair parts



Lenovo Service Connect Portal for customized reporting and product support

# Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

# Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

# Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support

- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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# **Recommended Accessories**



# ThinkCentre Tiny VESA Mount II

The ThinkCentre Tiny VESA Mount II is a unique design specific to house the Tiny PC while featuring the universal VESA mount configuration. The VESA standard enables this mount to attach to anything that is VESA comp...



# Lenovo Powered USB-C Travel Hub

## 4X90S92381

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