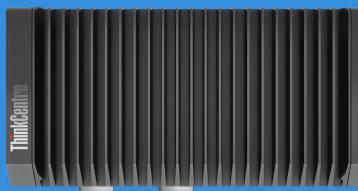
# **ThinkCentre M90n Nano IoT**

A versatile gateway for your IoT ecosystem, the ThinkCentre Nano IoT comes with edge-computing capabilities – with 8th Gen Intel processors, up to 8GB DDR4 memory and ultra-fast M.2 PCIe SSD storage. There are plenty of ports, wireless connectivity options and an optional I/O BOX, to connect everything from sensors, IoT endpoints, and legacy devices to cloud-based servers.

# MAINSTREAM COMPUTING FOR A VARIETY OF BUSINESS USES





Our smallest desktop series is built to be energyefficient and has an ultra-compact footprint 5X smaller than a 14" laptop.



## **REASONS TO BUY**

The compact size with options for VESA, DIN-rail and wall mounting means it can be placed almost anywhere – from controlled testing environments indoors to remote field locations. There's a Kensington<sup>™</sup> lock slot to protect against device theft.

Smarte

for all

technology

Lenovo

MIL-SPEC tested for durability, the device can withstand unanticipated temperature shocks and environmental factors like heat, dust and humidity. The innovative fan-less design ensures efficient heat dissipation for improved performance.

With advanced power management features and a 15W CPU, this device is one of our most energy efficient computers. Optimized to reduce power consumption, with Energy Star® and EPEAT® Silver certifications.

## ThinkCentre M90n Nano IoT

#### **KEY SPECIFICATIONS**

Processor	Intel Celeron or 8th Gen Core i3 processor
Operating System	Powered by Windows 10 Pro or Windows 10 IoT Enterprise
Graphics	Intel UHD Graphics 620/610 in processor
Memory	up to 4GB DDR4-2666
Storage	M.2 SSD: up to 2x 1TB M.2 PCIe NVMe optional 32GB Intel Optane memory
Power Supply	One of the following 65W 88% Adapter   65W 88% Adapter (Wide Temperature)
Dimensions	Width: 179mm (7.05"") Depth: 88mm (3.46"") Height: 34.5mm (1.36"""")
Weight	starting at 0.72kg (1.58lb)

#### **GREEN CERTIFICATIONS**

EPEAT Silver. Energy Star 7.1.

#### **OTHER CERTIFICATIONS**

MIL-STD-810G military testing. TCO 8.0. TUV Ultra Low Noise.

#### CONNECTIVITY

Front I/O	2x USB 3.1 Gen2, 1x USB-C 3.1 Gen 2, one audio combo jack (3.5mm), 2x serial
Rear I/O	With Celeron: 1x USB 2.0, 1x USB-C 3.1 Gen 2 (with display function, support power-in [20V, > 45W]), 1x ethernet (RJ-45), 1x DisplayPort. With Core i3: 1x USB 3.1 Gen2, 1x USB-C 3.1 Gen 2 (with display function, support power-in [20V, > 45W]), 2x ethernet (RJ-45), 1x DisplayPort.
WLAN + Bluetooth	One of the following Intel 9462 11ac, 1x1 + BT5.0   Intel 9560 11ac, 2x2 + BT5.0   Intel 9560 11ac, 2x2 + BT5.0, vPro   RTL8822CE 11ac, 1x1 + BT5.0   RTL8822CE 11ac, 2x2 + BT5.0
Ethernet	One of the following Intel 1219-LM + RTL8111H, 2x RJ45   RTL8111K + RTL8111H, 2x RJ45   RTL8111K, 1x RJ45

#### SECURITY & PRIVACY

Chassis Intrusion Switch Kensington lock slot Hardware TPM

#### MANAGEABILITY

Intel vPro, DASH (optional)

### OPTIONAL MECHANICAL PERIPHERALS

Nano Din Rail Mount Nano I/O Expansion Box

Nano Monitor Clamp Nano Power Cage Kit Nano Tiny-in-One Cube Nano VESA mount

# Recommended for this device



## ThinkCentre Nano IoT IOBOX

Connects to Nano IoT PCs via a Type-C connection to support additional I/O features such as Power over Ethernet (PoE), Digital Input/Output, and a Serial Port.

Single-cable support for voltage input to the IOBOX and Nano IoT PC simultaneously.

Compatible with ThinkCentre Nano IoT fan-less model PC.



# ThinkCentre Nano Power Cage Kit

Integrate a power supply alongside a ThinkCentre Nano for tidier cable routing

Fits 65W & 90W Lenovo power adapters smaller than 105x44x28mm (4.1x1.7x1.1")

VESA mounting can be attached behind displays or secured on walls, ceilings & furniture



## **Premier Support**

Talk directly with advanced technical support agents Support for software & hardware Next business day onsite repairs

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