

# 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.



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™ lock slot to protect against device theft.

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.

Ultra-compact design is hardly bigger than a smartphone, enabling it to be integrated into almost any equipment.

## Rugged compact performance primed for business

Incredibly compact and versatile, ThinkCentre Nano Series desktops are designed with powerful processors and ample RAM, allowing users to run multiple applications simultaneously. Their compact size saves desk space, promoting a clutter-free work environment.

## Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



### Premier Support

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

## Accessories

### 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.



PN: 4XH0X77236

### 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



PN: 4XF0V81631

# ThinkCentre M90n Nano IoT

## Performance

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### Processor

Intel Celeron or 8th Gen Core i3 processor

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### Operating System

Powered by Windows 10 Pro or Windows 10 IoT Enterprise

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### Graphics

Intel UHD Graphics 620/610 in processor

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### Memory

up to 4GB DDR4-2666

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### Storage

M.2 SSD: up to 2x 1TB M.2 PCIe NVMe  
optional 32GB Intel Optane memory

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## Design

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### Dimensions

Width: 179mm (7.05") Depth: 88mm (3.46") Height: 34.5mm (1.36")

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### Weight

starting at 0.72kg (1.58lb)

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## Connectivity

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### Front I/O

2x USB 3.1 Gen2, 1x USB-C 3.1 Gen2, one audio combo jack (3.5mm), 2x serial

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### 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.

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## Security & Privacy

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### Security

Kensington lock slot  
Hardware TPM

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## Certifications

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### Green Certifications

EPEAT Silver. Energy Star 7.1.

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### Other Certifications

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

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## Optional Mechanical Peripherals

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### 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

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