ThinkCentre M90n-1 Nano 11AD0000EE

**Product**
ThinkCentre M90n-1 Nano

**Region**
EET

**Country/Region**
Hungary

**Machine Type**
11AD

**TopSeller**
TopSeller

**Processor**
Core i5-8365U (4C / 8T, 1.6 / 4.1GHz, 6MB)

**Graphics**
Integrated Intel UHD Graphics 620

**Monitor Cable**
None

**Memory**
8GB Soldered DDR4-2666

**Storage**
256GB SSD M.2 2280 PCIe x4 NVMe Opal

**Optical**
None

**WLAN + Bluetooth**
Intel 9560 11ac, 2x2 + BT5.0, vPro

**Ethernet**
Intel I219-LM, 1x RJ45

**Chassis Intrusion Switch**
Chassis Intrusion Switch

**Kensington Cable Lock**
None

**Adapter Cage**
None

**Speaker**
1Wx1

**Dust Filter**
None

**VESA Mount**
None

**Stand**
None

**Keyboard / Mouse**
USB / USB

**Power Supply**
65W 88% Adapter

**TUV Low Noise**
None

**System Management**
Intel vPro

**Operating System**
Windows 10 Pro 64

**Bundled Software**
None

**Base Warranty**
1-year, Onsite

**Upsell Service Bundles**
None

**End of Support**
2025-08-02

**Announce Date**
2019-07-02

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ThinkCentre M90n-1 Nano Platform Specifications

Product Specifications Reference (PSREF)

**Processor**

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**Memory**

8GB or 16GB / DDR4-2400 / soldered to system board, no sockets, non-ECC

**Storage**

Support up to two M.2 SSD

Some: M.2 2280 SSD / PCIe NVMe, PCIe x 4

Some: M.2 2242 SSD / PCIe NVMe, PCIe x 2

Some: Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe x 4 (not support Celleron)

* M.2 SSD / Optane with SSD in PCIe 3.0 x 2 M.2 slot can only run at PCIe 3.0 x 2

**RAID**

RAID 0/1 support (RAID preset only available via special bid model)

**Optical**

None

**Graphics**

Intel UHD Graphics 620 in processor, uses main memory, DirectX® 12, one DisplayPort™, one USB 3.1 Type-C Gen2 with display function, up to 2 independent displays;

Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz;

Optional DP to VGA dongle, DP to HDMI dongle, Type-C to VGA dongle, Type-C to HDMI dongle, Type-C to DP dongle

**Chipset**

Intel SoC (System on Chip) platform

**Front ports (Std.)**

2x USB 3.1 Gen2, 1x USB 3.1 Type-C Gen 2, one headphone / microphone combo jack (3.5mm)

**Rear ports (Std.)**

2x USB 3.1 Gen2, 1x USB 3.1 Type-C Gen 2 (with display function, support power-in [20V and >45W]), 1x ethernet (RJ-45), 1x DisplayPort

**Audio support**

Realtek ALC333VB / internal speaker (1 watt)

**WLAN**

Some: 11ac wireless, M.2 Card, RealtekRTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 1x1

Some: 11ac wireless, M.2 Card, RealtekRTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2

Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9462 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 1x1

Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2

Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2

**Bluetooh**

Some: Bluetooth 5.0 wireless, integrated in Wi-Fi + BT combo adapter

**Ethernet**

Gigabit ethernet, Intel Ethernet Connection 8219-LM, Wake on LAN®

**Security chip**

Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)

**Security features**

- Discrete TPM 2.0, TCG Certified
- Security slot (in rear for optional Kensington "MicroSaver" cable)
- Chassis intrusion switch
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Smart USB protection, allows keyboard/mouse only, blocks all storage devices

**Keyboard**

Some: Lenovo Callope Keyboard (USB connector), black

Some: Lenovo Traditional Keyboard (USB connector), black

**Mouse**

Some: Lenovo Callope Mouse (USB connector), black

Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black

Some: Lenovo Callope Wireless Mouse (2.4GHz via USB receiver), black

**Mechanical**

Nanope (0.35L), black color; metal case

Three M.2 slots: two for M.2 SSD (one PCIe 3.0 x 4 and one PCIe 3.0 x 2) and one for WLAN

**Floor Stand**

None

**Power supply**

65 watts AC/DC adapter, autosensing, 88% PSU (Not for TIO models)

**Limited warranty**

Some: 1-year, limited onsite service / service upgrades available

Some: 3-year, limited onsite service / service upgrades available

**Preload**

Preloaded operating system

Some: Windows® 10 Pro 64-bit

Some: Windows 10 Home 64-bit

**Environment**

ENERGY STAR® 7.1, EPEAT Gold rating (North America), ErP Lot 3, TCO 8.0, TUV ultra low noise verified (on some models), RoHS, WEEE, REACH

**MIL-SPEC test**

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

**Accessories**

For compatible accessories, please go to http://smartfind.lenovo.com

Note: The specifications above may not be available in all regions.
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