ThinkCentre M75n IoT 11BW000BGE

Product
ThinkCentre M75n IoT

Region
WE

Country/Region
Germany

Machine Type
11BW

TopSeller
TopSeller

Processor
AMD Athlon Silver 3050e (2C / 4T, 1.4 / 2.8GHz, 1MB L2 / 4MB L3)

Chipset
AMD SoC platform

Graphics
Integrated AMD Radeon Graphics

Memory
4GB Soldered DDR4-2400

Storage
1x 128GB SSD M.2 2242 PCIe 3.0x2 NVMe

Optical
None

Speaker
1Wx1

Ethernet
RTL8111FP-CG, 1x RJ45

WLAN + Bluetooth
None

I/O Box
None

Chassis Intrusion Switch
Chassis Intrusion Switch

Kensington Cable Lock
None

Adapter Cage
None

Dust Filter
None

VESA Mount
None

Color
Black

Stand
None

Keyboard
USB Calliope Keyboard, Black, German

Mouse
USB Calliope Mouse

Power Supply
65W 89% Adapter

Additional Certificates
None

Monitor Cable
None

System Management
DASH

Operating System
LeTOS V2, German

Bundled Software
None

Base Warranty
3-year, Onsite

Bundled Service
None

EAN / UPC / JAN
0195348686464

End of Support
2026-12-21

Announce Date
2020-09-22

Recommended Services

Better
4Y Premier Support Upgrade from 3Y Onsite (5WS0T36207)

Good
3Y Premier Support Upgrade from 3Y Onsite (5WS0U26647)

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ThinkCentre M75n IoT Platform Specifications

Product Specifications Reference (PSREF)

Processor

AMD Athlon processor

Processor	Cores / Threads	Frequency Base/Max	L2 / L3 Cache	Memory Support (Up to)	Integrated Graphics
AMD Athlon Silver 3050e	2 / 4	1.4 / 2.8 GHz	1 MB / 4MB	DDR4-2400	Radeon Graphics

Memory

4GB / DDR4-2400* / soldered to systemboard, no sockets, non-ECC
* System automatically clocks down for the processors with lower memory controller

Storage

Support one M.2 SSD
Some: M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4
Some: M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2

RAID

None

Optical

None

Graphics

AMD Radeon™ Graphics in processor, uses main memory, DirectX® 12, one DisplayPort™, one USB 3.2 Type-C Gen2 with display function, up to 2 independent displays;
Max resolution: 3840x2160 (DP)@60Hz; 3840x2160 (Type-C)@60Hz

Monitor cable

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

AMD SoC (System on Chip) platform

Front ports (Std.)*

1x USB 2.0, 1x USB 3.2 Gen 2, 1x USB 3.2 Type-C Gen 2, one headphone / microphone combo jack (3.5mm), 2x serial (RS-232)

Rear ports (Std.)*

1x USB 3.2 Gen 2, 1x USB 3.2 Type-C Gen 2 (with display function, support power-in [20V, > 45W]), 1x ethernet (RJ-45), 1x DisplayPort

I/O box*

Optional I/O box, connect to the USB 3.2 Type-C Gen 2 port of M75n IoT, extends 2x serial, 2x ethernet (RJ-45, I/O box is equipped with Realtek RTL8153B, gigabit ethernet), 1x DI (Digital Input) connector, 1x DO (Digital Output) connector
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Audio support

Realtek ALC233 / internal speaker (1watt)

WLAN

Some: 11ac wireless, M.2 Card, Realtek RTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9260 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2

Bluetooth

Some: Bluetooth 4.2 / 5.0 wireless, integrated in Wi-Fi + BT combo adapter

WWAN

None

Ethernet

Gigabit ethernet, Realtek RTL8111FP-CG, Wake on LAN®

Manageability

Dash 1.1/1.2

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- 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

Keyboard

Some: Lenovo Calliope Keyboard (USB connector), black
Some: Lenovo Traditional Keyboard (USB connector), black
Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black

Mouse

Some: Lenovo Calliope Mouse (USB connector), black
Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black
Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mechanical

Nano (fanless 0.55L), Iron Gray top cover / Black mid bezel / Black bottom cover
Two M.2 slots: one for M.2 SSD, one for WLAN

	Dimensions (WxDxH)	Weight (Approx.)
M75 IoT (fanless, 0.55L)	7.05" X 3.46" X 1.36" 179mm X 88mm X 34.5mm	1.58 lb (0.72 kg), vary by config
With I/O box	7.05" X 3.46" X 2.41" 179mm X 88mm X 61.3mm	2.65 lb (1.2 kg), vary by config

Mounting

Some: VESA mount bracket kit, supports VESA 75mm
Some: VESA mount bracket kit with adaper holder, supports VESA 75mm
Some: DIN rail mount bracket kit

Floor Stand

None

Power supply

Some: 65 watts AC/DC adapter*, autosensing, 89% PSU
Some: 65 watts AC/DC adapter (wide temperature)*, autosensing, 88% PSU (only for Machine Type 11GW/11GX)
* Not for the models with I/O box

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 IoT Enterprise (only available via special bid model)

Environment

ENERGY STAR® 8.0*, EPEAT™ Silver rating*, ErP Lot 3, TCO 8.0*, TUV ultra low noise verified (on some models), RoHS, WEEE, REACH
* Not for the models with I/O box or 65w adapter (wide temperature)

MIL-SPEC test

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

Accessories

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

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

Lenovo, May 2020

ThinkCentre M75n IoT











