

ThinkCentre M75n IoT 11BW0009US

Product

ThinkCentre M75n IoT

Region

NA

Country/Region

USA

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 NVMe 3.0x2

Optical

None

Speaker

1Wx1

Ethernet

RTL8111FP-CG, 1x RJ45

WLAN + Bluetooth

Intel 9260 11ac, 2x2 + BT5.0

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

Calliope Wireless Keyboard, Black, English

Mouse

Calliope Wireless Mouse

Power Supply

65W 89% Adapter

Additional Certificates

None

Monitor Cable

1x USB-C to HDMI

System Management

DASH

Operating System

Windows 10 IoT Enterprise, English

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

EAN / UPC / JAN

195348264990

End of Support

2026-12-21

Announce Date

2020-08-25

Recommended Services**Best**

4Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection) (5PS0N73191)

Better

4Y Lenovo Support (Premier Support + Keep Your Drive) (5PS0N73243)

Good

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

Notes:**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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<https://psref.lenovo.com>

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ThinkCentre M75n IoT Platform Specifications

Product Specifications Reference (PSREF)



Processor	AMD Athlon processor <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max</th> <th>L2 / L3 Cache</th> <th>Memory Support (Up to)</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>AMD Athlon Silver 3050e</td> <td>2 / 4</td> <td>1.4 / 2.8 GHz</td> <td>1 MB / 4MB</td> <td>DDR4-2400</td> <td>Radeon Graphics</td> </tr> </tbody> </table>	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	Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington® MicroSaver® cable) Chassis intrusion switch Power-on password Administrator password Hard disk password <ul style="list-style-type: none"> Boot sequence control Boot without keyboard and mouse Individual USB port disablement
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	Keyboard	<i>Some:</i> Lenovo Calliope Keyboard (USB connector), black <i>Some:</i> Lenovo Traditional Keyboard (USB connector), black <i>Some:</i> Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black												
Storage	Support one M.2 SSD <i>Some:</i> M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 <i>Some:</i> M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2	Mouse	<i>Some:</i> Lenovo Calliope Mouse (USB connector), black <i>Some:</i> Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black <i>Some:</i> Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black												
RAID	None	Mechanical	<table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Weight (Approx.)</th> </tr> </thead> <tbody> <tr> <td>M75 IoT (fanless, 0.55L)</td> <td>7.05" X 3.46" X 1.36" 179mm X 88mm X 34.5mm</td> <td>1.58 lb (0.72 kg), vary by config</td> </tr> <tr> <td>With I/O box</td> <td>7.05" X 3.46" X 2.41" 179mm X 88mm X 61.3mm</td> <td>2.65 lb (1.2 kg), vary by config</td> </tr> </tbody> </table>		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			
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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; <i>Max resolution:</i> 3840x2160 (DP) @60Hz; 3840x2160 (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														
Monitor cable		Mounting	<i>Some:</i> VESA mount bracket kit, supports VESA 75mm <i>Some:</i> VESA mount bracket kit with adaper holder, supports VESA 75mm <i>Some:</i> DIN rail mount bracket kit												
Chipset	AMD SoC (System on Chip) platform	Floor Stand	None												
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)	Power supply	<i>Some:</i> 65 watts AC/DC adapter*, autosensing, 89% PSU <i>Some:</i> 65 watts AC/DC adapter (wide temperature)*, autosensing, 88% PSU (only for Machine Type 11GW/11GX) * Not for the models with I/O box												
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	Limited warranty	<i>Some:</i> 1-year, limited onsite service / service upgrades available <i>Some:</i> 3-year, limited onsite service / service upgrades available												
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	Preload	Preloaded operating system <i>Some:</i> Windows® 10 Pro 64-bit <i>Some:</i> Windows 10 IoT Enterprise (only available via special bid model)												
Audio support	Realtek ALC233 / internal speaker (1watt)	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)												
WLAN	<i>Some:</i> 11ac wireless, M.2 Card, Realtek RTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174A (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Wireless-AC 9260 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2	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)												
Bluetooth	<i>Some:</i> Bluetooth 4.2 / 5.0 wireless, integrated in Wi-Fi + BT combo adapter	Accessories	For compatible accessories, please go to http://smartfind.lenovo.com												
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														

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

Lenovo, May 2020

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AMD



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