

# ThinkCentre M75n IoT Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Athlon processor						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
	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	Some: Lenovo Calliope Keyboard (USB connector), black Some: Lenovo Traditional Keyboard (USB connector), black	
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						Mouse	Some: Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black 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	
RAID	None						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	
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 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	HDMI dongle, Type-C to DP dongle								
Chipset	AMD SoC (System on Chip) platform						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 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)								
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						Floor Stand	None	
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						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	
Audio support	Realtek ALC233 / internal speaker (1watt)						Limited warranty	Some: 1-year, limited onsite service / service upgrades available Some: 3-year, limited onsite service / service upgrades available	
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						Preload	Preloaded operating system Some: Windows® 10 Pro 64-bit Some: Windows 10 IoT Enterprise (only available via special bid model)	
Bluetooth	Some: Bluetooth 4.2 / 5.0 wireless, integrated in Wi-Fi + BT combo adapter						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)	
WWAN	None						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)	
Ethernet	Gigabit ethernet, Realtek RTL8111FP-CG, Wake on LAN®						Accessories	For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a>	
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.

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