ThinkCentre M720 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor — Intel® Celeron®, Intel Pentium®, or 8th / 9th Gen Intel Core™ i3 / i5 / i7 / i9 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900T	2 / 2	2.9G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400T	2 / 4	3.1G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500T	2 / 4	3.2G	4 MB	DDR4-2400	UHD 630
Core i3-8100T	4 / 4	3.1G	6 MB	DDR4-2400	UHD 630
Core i3-8300T	4 / 4	3.2G	8 MB	DDR4-2400	UHD 630
Core i5-8400T	6 / 6	1.7G / 3.3G	9 MB	DDR4-2666	UHD 630
Core i5-8500T	6 / 6	2.1G / 3.5G	9 MB	DDR4-2666	UHD 630
Core i5-8600T	6 / 6	2.3G / 3.7G	9 MB	DDR4-2666	UHD 630
Core i7-8700T	6 / 12	2.4G / 4.0G	12 MB	DDR4-2666	UHD 630
Core i3-9100T	4 / 4	3.1G / 3.7G	6 MB	DDR4-2400	UHD 630
Core i3-9300T	4 / 4	3.2G / 3.8G	8 MB	DDR4-2400	UHD 630
Core i5-9400T	6 / 6	1.8G / 3.4G	9 MB	DDR4-2666	UHD 630
Core i5-9500T	6 / 6	2.2G / 3.7G	9 MB	DDR4-2666	UHD 630
Core i5-9600T	6 / 6	2.3G / 3.9G	9 MB	DDR4-2666	UHD 630
Core i7-9700T	8 / 8	2.0G / 4.3G	12 MB	DDR4-2666	UHD 630
Core i9-9900T	8 / 16	2.1G / 4.4G	16 MB	DDR4-2666	UHD 630

Memory — 32GB max, DDR4-2666*, two 260-pin SO-DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage
Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4*, 32Gb/s
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical
Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box

Onboard SATA — One onboard SATA 6.0Gb/s connector

Graphics — **Intel HD Graphics 610/630** in processor, uses main memory, DirectX® 12, one DisplayPort™, one HDMI, one optional video port (2nd HDMI, VGA, 2nd DP, or USB 3.1 Type-C Gen1 with DisplayPort function), up to 3 independent displays;
Max resolution: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (onboard HDMI)@24Hz; 2048x1536 (VGA)@50Hz

Monitor cable — Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle (for Collage Display with intel integrated graphics), or DP to HDMI 1.4 dongle

Chipset — **Intel B360 Chipset**

Front ports* (Std.) — one USB 3.1 Gen1 (Always On and fast charge), one USB 3.1 Type-C Gen 1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)
Rear ports* (Std.) — 2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x ethernet (RJ-45), 1x DisplayPort, 1x HDMI
Rear ports* (Opt.) — Two optional ports (mutually exclusive with PCIe card): Port 1 for VGA / 2nd DP / 2nd HDMI / serial / USB 3.1 Type-C Gen 1 with DP function); Port 2 for serial; Optional ports via PCIe card: 2x USB 3.1 Gen1 via PCIe x1, 4x serial (9-pin) via PCIe x1
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Audio support — Realtek ALC233VB2 / optional internal speaker (1.5 watt or 2 watt)

WLAN
Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2

Bluetooth — *Some:* Bluetooth 4.2 wireless, integrated in Wi-Fi + BT combo adapter
Ethernet — Gigabit ethernet, Intel Ethernet Connection I219-V (Jacksonville), Wake on LAN®
Ethernet (Opt.) — *Some:* Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4

Manageability — None
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
● Smart USB protection, allows keyboard/ mouse only, blocks all storage devices

Keyboard / Mouse
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
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 — Tiny (1L), black color; metal case
● Toolless chassis open (need optional toolless chassis screw)
● Toolless HDD, SSD, memory removal
● Optional dust filter
one 2.5" bay for HDD/SSD, one PCIe 3.0 x8 slot (low-profile), two M.2 slots (one for WLAN, one for M.2 SSD), 2.5" HDD/SSD and PCIe card are mutually exclusive

	Dimensions (WxDxH)	Weight (Approx.)
Tiny only	7.0" X 7.2" X 1.4" (1.5" with rubber feet) 179mm X 183mm X 34.5mm (37mm with rubber feet)	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config

VESA mount / Floor Stand — Optional VESA mount bracket kit, supports VESA 75mm and 100mm
Optional system floor stand for vertical orientation

Power supply
Some: 65 watts AC/DC adapter, autosensing, 88% PSU
Some: 90 watts AC/DC adapter, autosensing, 88% PSU
Some: 135 watts AC/DC adapter, autosensing, 88% PSU

Limited warranty
Some: **1-year** or **3-year**, **depot service** / service upgrades available
Some: **1-year** or **3-year**, **limited onsite service** / service upgrades available

Preload — **Preloaded operating system**
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)
● Lenovo Vantage
● Microsoft Office preloaded; purchase a product key to activate
● Cyberlink PowerDVD (only for models with DVD / DVD±RW)
● Cyberlink Power2GO (only for models with DVD±RW)
● LinkedIn

Environment — ENERGY STAR® 8.0*, EPEAT™ Gold rating* (with 135W adapter) or EPEAT™ Silver rating (with 65W/90W adapter), ErP Lot 3, TCO, TUV ultra low noise verified (on some models), RoHS-compliant
*Only for MT 10T8/10TA/10TC/10UA with i3/i5/i7/i9 models

MIL-SPEC test — MIL-STD-810G 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.

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