ThinkCentre M80q Platform Specifications

Processor	Intel® Celeron®, Intel Pentium®, or 10th Gen Intel Core™ i3 / i5 / i7 / i9 Processor					

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G5900T	2 / 2	3.2G	2 MB	DDR4-2666	UHD 610
Pentium Gold G6400T	2 / 4	3.4G	4 MB	DDR4-2666	UHD 610
Pentium Gold G6500T	2 / 4	3.5G	4 MB	DDR4-2666	UHD 630
Core i3-10100T	4 / 8	3.0G / 3.8G	6 MB	DDR4-2666	UHD 630
Core i3-10300T	4 / 8	3.0G / 3.9G	8 MB	DDR4-2666	UHD 630
Core i5-10400T	6 / 12	2.0G / 3.6G	12 MB	DDR4-2666	UHD 630
Core i5-10500T	6 / 12	2.3G / 3.8G	12 MB	DDR4-2666	UHD 630
Core i5-10600T	6 / 12	2.4G / 4.0G	12 MB	DDR4-2666	UHD 630
Core i7-10700T	8 / 16	2.0G / 4.5G	16 MB	DDR4-2933	UHD 630
Core i9-10900T	10 / 20	1.9G / 4.6G	20 MB	DDR4-2933	UHD 630

* Max frequency may refer to Intel Turbo Boost Technology 2.0 / Intel Turbo Boost Max Technology 3.0 / Intel Thermal Velocity Boost, and adopt the max one of them

Memory	64GB max, DDR4-3200*, two 260-pin SO-DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller
Storage	*Some:* Hard Drive / SATA 6.0Gb/s, 2.5", 7200 rpm *Some:* M.2 SSD (2242 / 2280) / PCIe NVMe, PCIe 3.0 x2 or PCIe 3.0 x4 *Some:* Intel Optane™ Memory M10, M.2 2280, PCIe 3.0 x2
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, more video ports available via optional ports, up to 3 independent displays; *Max resolution:* 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@50Hz
Monitor cable	Optional DP to VGA dongle, DP to DVI-D dongle, DP to dual DP dongle, or DP to HDMI 1.4 dongle
Chipset	**Intel Q470 Chipset**
Front ports (Std.)*	one USB 3.2 Gen 2 (Always On and fast charge), one USB 3.2 Type-C Gen 1, one headphone / microphone combo jack (3.5mm)
Rear ports (Std.)*	2x USB 3.2 Gen 2, 2x USB 3.2 Gen 1, 1x ethernet (RJ-45), 1x DP, 1x HDMI
Rear ports (Opt.)*	Two optional ports:

Position	Port 1	Port 2	Port 1&2
Optional parts	VGA / 2nd DP / 2nd HDMI / USB 3.2 Type-C Gen 1 with DP function) / Serial	Serial	Dual USB 3.2 Gen 1 ports (Available at end of July)

* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Audio support	Realtek ALC233VB / optional internal speaker (1.5 watt)
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, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 *Some:* 11ax wireless, M.2 Card, Intel Wi-Fi 6 AX201 (dual band), Wi-Fi + Bluetooth 5.1 combo adapter, Intel vPro technology support, 2x2
Bluetooth	*Some:* Bluetooth 5.0/5.1 wireless, integrated in Wi-Fi + BT combo adapter
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®
Ethernet (Opt.)	None

Manageability	Intel Active Management Technology 14 (Intel AMT 14); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)
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	*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	Tiny (1L), black color; metal case one 2.5" bay for HDD, two M.2 slots (one for WLAN and for M.2 SSD)

	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)	2.76 lb (1.25 kg), vary by config
With VESA mount & ODD box	8.04" X 7.35" X 2.52" 204.2mm X 186.6mm X 64mm	3.84 lb (1.74 kg), vary by config

VESA mount	Optional VESA mount bracket kit, supports VESA 75mm and 100mm
Floor Stand	Optional system floor stand for vertical orientation
Dust filter	Optional dust filter
EOU design	Toolless chassis open (need optional toolless chassis screw), toolless HDD, SSD and memory assembly / removal
Power supply	*Some:* 65 watts AC/DC adapter, autosensing, 89% PSU *Some:* 90 watts AC/DC adapter, autosensing, 89% PSU (special bid only) *Some:* 135 watts AC/DC adapter, autosensing, 89% PSU
Limited warranty	*Some:* **1-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
Environment	ENERGY STAR® 8.0, EPEAT™ Gold / Silver rating (on some models), ErP Lot 3, TCO 8.0 (coming soon), TUV low noise / ultra low noise verified (on some models), RoHS-compliant
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.