ThinkCentre M80s 11CU001BUS

Product
ThinkCentre M80s

Region
NA

Country/Region
USA

Machine Type
11CU

TopSeller
TopSeller

Processor
Intel Core i7-10700 (8C / 16T, 2.9 / 4.8GHz, 16MB)

Chipset
Intel Q470 Chipset

Graphics
Integrated Intel UHD Graphics 630

Memory
1x 16GB DDR4-2933

Storage
1x 512GB SSD M.2 2280 PCIe NVMe 3.0x4 Opal

Optane Memory
None

Optional Bay
Optional 2.5" bay

Front Access HDD
None

Optical
DVD±RW

Media Reader
None

Speaker
2Wx1

Ethernet
Integrated 100/1000M

WLAN + Bluetooth
None

Optional Rear Ports
None

Chassis Intrusion Switch
None

Chassis E-Lock
None

Kensington Cable Lock
None

Smart Cable Clip
None

Dust Filter
None

Carry Handle
None

Color
Black

Stand
Stand

Keyboard
USB Traditional Keyboard, Black, English

Mouse
USB Calliope Mouse

Power Supply
260W 85%

Additional Certificates
None

Monitor Cable
None

System Management
Intel vPro

Operating System
Windows 10 Pro 64, English

Bundled Software
None

Base Warranty
3-year, Onsite

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

EAN / UPC / JAN
195235856406

End of Support
2026-12-14

Announce Date
2020-07-28

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PSREF

https://psref.lenovo.com
Visit psref website for the latest version of Product specifications Reference.

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ThinkCentre M80s 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 G5900	2 / 2	3.4G	2 MB	DDR4-2666	UHD 610
Celeron G5920	2 / 2	3.5G	2 MB	DDR4-2666	UHD 610
Pentium Gold G6400	2 / 4	4.0G	4 MB	DDR4-2666	UHD 610
Pentium Gold G6500	2 / 4	4.1G	4 MB	DDR4-2666	UHD 630
Pentium Gold G6600	2 / 4	4.2G	4 MB	DDR4-2666	UHD 630
Core i3-10100	4 / 8	3.6G / 4.3G	6 MB	DDR4-2666	UHD 630
Core i3-10300	4 / 8	3.7G / 4.4G	8 MB	DDR4-2666	UHD 630
Core i3-10320	4 / 8	3.8G / 4.6G	8 MB	DDR4-2666	UHD 630
Core i5-10400F	6 / 12	2.9G / 4.3G	12 MB	DDR4-2666	None
Core i5-10400	6 / 12	2.9G / 4.3G	12 MB	DDR4-2666	UHD 630
Core i5-10500	6 / 12	3.1G / 4.5G	12 MB	DDR4-2666	UHD 630
Core i5-10600	6 / 12	3.3G / 4.8G	12 MB	DDR4-2666	UHD 630
Core i7-10700F	8 / 16	2.9G / 4.8G	16 MB	DDR4-2933	None
Core i7-10700	8 / 16	2.9G / 4.8G	16 MB	DDR4-2933	UHD 630
Core i9-10900F	10 / 20	2.8G / 5.2G	20 MB	DDR4-2933	None
Core i9-10900	10 / 20	2.8G / 5.2G	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	128GB max, DDR4-3200*, four 288-pin DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller
Storage	Support up to 2x HDD ([2.5" + 3.5"] or [dual 2.5"]) and up to 1x M2.SSD, RAID 0/1 support for HDD (RAID preset only available via special bid) *Some:* Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 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, SATA 1.5Gb/s Drive, slim (9.0mm) *Some:* DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)
Onboard SATA	Three onboard SATA 6.0Gb/s connectors
Media reader	Optional 3-in-1 media reader (support SD, SDHC, and SDXC)
Graphics	**Intel UHD Graphics 610/630** in some processors, uses main memory, DirectX® 12, two DisplayPort™, one HDMI, supports up to 3 independent displays, more displays support via discrete graphics Max resolution: 4096×2304 (DP)@60Hz; 1920x1080 (HDMI)@60Hz *Some:* **AMD Radeon™ 520**, DirectX 12, 2GB GDDR5, PCIe 3.0 x8, 30 watts, two DisplayPort (up to 4096x2160@60Hz)
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 Q470 Chipset**
Front ports* (Std.)	2x USB 3.2 Gen 2, 2x USB 3.2 Gen 1, 1x USB 3.2 Type-C Gen 1 (15W charging), 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)
Front ports* (Opt.)	*Optional:* 3-iin-1 media reader
Rear ports* (Std.)	4x USB 3.2 Gen 1, 1x serial (9-pin), 1x ethernet (RJ-45), 2x DP**, 1x HDMI**, 1x line-out (3.5mm)
Rear ports* (Opt.)	*Optional:* 2x USB 2.0, 2x USB 3.2 Gen 1 via PCIe x1, 2x USB 3.2 Type-C Gen 2 via PCIe x4, 1x 2nd serial (9-pin), 4x serial (9-pin) via PCIe x1, 1x parallel (25-pin), 2x PS/2 ports (keyboard/mouse), additional RJ-45 and video ports available on optional graphics or ethernet card * Depending on many factors, actual data transfer speed may be lower than theoretical speed ** Only available for the models with integrated graphics
Audio support	High Definition (HD) Audio, Realtek ALC623-CG / internal speaker (1 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.)	*Some:* Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4 *Some:* Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1
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 (for Kensington® lock) ● Padlock loop ● Optional Smart Cable Clip to physically lock keyboard and mouse ● Optional chassis intrusion switch ● Optional chassis E-Lock ● 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	● SFF (8.2L), black color, metal case ● Dimensins with bezel & PCI holder & rubber foot: *(WxDxH)* 3.6" X 11.7" X 13.4"; 93mm X 298mm X 340mm ● Weight (approx.): 11.7 lb (5.3 kg), weight may vary by configuration
Bays	Bay 1: Slim ODD bay Bay 2: 3.5" HDD bay Bay 3: 2.5" HDD bay (optional bay, or bay comes with disk)
Slots	Slot 1: low-profile (length < 155mm, height < 68mm), PCIe 3.0 x16 Slot 2: low-profile (length < 155mm, height < 68mm), PCIe 3.0 x1 Slot 3: no slot, only bracket for optional port extension Slot 4: no slot, only bracket for optional port extension M.2 card slots: two (one for WLAN, one for SSD/Optane)
Floor Stand	Optional system floor stand for vertical orientation
EOU design	Toolless cover, disk, optical, extension card removal
Power supply	*Some:* 180 watts, autosensing, 85% PSU *Some:* 260 watts, autosensing, 85% PSU *Some:* 310 watts, autosensing, 92% PSU *Some:* 380 watts, autosensing, 92% PSU * Discrete graphics card / 10-core processors need > 180w power supply
Limited warranty	*Some:* **1-year**, **depot service** / service upgrades available *Some:* **1-year** or **3-year**, **limited onsite service** / service upgrades available
Preload	*Some:* Windows® 10 Pro 64-bit *Some:* Windows 10 Home 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 (coming soon), TUV low noise verified (on some models), RoHS-compliant * Only available for MT 11CU/11CV
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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