

# ThinkCentre M80s 11CU000BUS

**Product**

ThinkCentre M80s

**Region**

NA

**Country/Region**

USA

**Machine Type**

11CU

**TopSeller**

TopSeller

**Processor**

Intel Core i5-10500 (6C / 12T, 3.1 / 4.5GHz, 12MB)

**Chipset**

Intel Q470 Chipset

**Graphics**

Integrated Intel UHD Graphics 630

**Memory**

1x 16GB DDR4-2666

**Storage**

1x 1TB SSD M.2 2280 PCIe x4 NVMe 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%

**TUV Low Noise**

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**

None

**EAN / UPC / JAN**

195042421880

**End of Support**

2026-12-14

**Announce Date**

2020-05-14

**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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# ThinkCentre M80s Platform Specifications

Product Specifications Reference (PSREF)

Lenovo

Processor	Intel® Celeron®, Intel Pentium®, or 10th Gen Intel Core™ i3 / i5 / i7 / i9 Processor						WLAN  Bluetooth Ethernet Ethernet (Opt.)  Manageability  Security chip  Security features  Keyboard  Mouse  Mechanical  Bays  Slots  Floor Stand EQU design  Power supply  Limited warranty  Preload  Environment  Accessories
	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 M.2.SSD, RAID 0/1 support for HDD (RAID preset only available via special bid) <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 7200 rpm <i>Some:</i> M.2 SSD (2242 / 2280) / PCIe NVMe, PCIe 3.0 x2 or PCIe 3.0 x4 <i>Some:</i> Intel Optane™ Memory M10, M.2 2280, PCIe 3.0 x2 <i>Some:</i> DVD-ROM, SATA 1.5Gb/s Drive, slim (9.0mm) <i>Some:</i> DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)						
Optical	Three onboard SATA 6.0Gb/s connectors Optional 3-in-1 media reader (support SD, SDHC, and SDXC)						
Onboard SATA Media reader							
Graphics	<b>Intel UHD Graphics 610/630</b> 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: 4096x2304 (DP)@60Hz; 1920x1080 (HDMI)@60Hz <i>Some:</i> <b>AMD Radeon™ 520</b> , 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	<b>Intel Q470 Chipset</b>						
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.)	<i>Optional:</i> 3-in-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.)	<i>Optional:</i> 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 (2 watt)						
<p><i>Some:</i> 11ac wireless, M.2 Card, Realtek RTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2</p> <p><i>Some:</i> 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2</p> <p><i>Some:</i> 11ax wireless, M.2 Card, Intel Wi-Fi 6 AX201 (dual band), Wi-Fi + Bluetooth 5.1 combo adapter, Intel vPro technology support, 2x2</p> <p><i>Some:</i> Bluetooth 5.0/5.1 wireless, integrated in Wi-Fi + BT combo adapter</p> <p><i>Some:</i> Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN®</p> <p><i>Some:</i> Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4</p> <p><i>Some:</i> Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1</p>							
<p>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)</p> <p>Discrete TPM 2.0, TCG Certified</p>							
<ul style="list-style-type: none"> <li>Security slot (for Kensington® lock)</li> <li>Padlock loop</li> <li>Optional Smart Cable Clip to physically lock keyboard and mouse</li> <li>Optional chassis intrusion switch</li> <li>Optional chassis E-Lock</li> <li>Power-on password</li> <li>Administrator password</li> <li>Hard disk password</li> <li>Boot sequence control</li> <li>Boot without keyboard and mouse</li> <li>Individual USB port disablement</li> <li>Smart USB protection, allows keyboard/mouse only, blocks all storage devices</li> </ul>							
<p><i>Some:</i> Lenovo Calliope Keyboard (USB connector), black</p> <p><i>Some:</i> Lenovo Traditional Keyboard (USB connector), black</p> <p><i>Some:</i> Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black</p> <p><i>Some:</i> Lenovo Calliope Mouse (USB connector), black</p> <p><i>Some:</i> Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black</p> <p><i>Some:</i> Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black</p>							
<ul style="list-style-type: none"> <li>SFF (8.2L), black color, metal case</li> <li>Dimensions with bezel &amp; PCI holder &amp; rubber foot: (WxDxH) 3.6" X 11.7" X 13.4"; 93mm X 298mm X 340mm</li> <li>Weight (approx.): 11.7 lb (5.3 kg), weight may vary by configuration</li> </ul> <p>Bay 1: Slim ODD bay Bay 2: 3.5" HDD bay Bay 3: 2.5" HDD bay (optional bay, or bay comes with disk)</p> <p>Slot 1: low-profile (length &lt; 155mm, height &lt; 68mm), PCIe 3.0 x16 Slot 2: low-profile (length &lt; 155mm, height &lt; 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</p> <p>M.2 card slots: two (one for WLAN, one for SSD/Optane)</p> <p>Optional system floor stand for vertical orientation Toolless cover, disk, optical, extension card removal</p>							
<p><i>Some:</i> 180 watts, autosensing, 85% PSU</p> <p><i>Some:</i> 260 watts, autosensing, 85% PSU</p> <p><i>Some:</i> 310 watts, autosensing, 92% PSU</p> <p><i>Some:</i> 380 watts, autosensing, 92% PSU</p> <p>* Discrete graphics card / 10-core processors need &gt; 180w power supply</p>							
<p><i>Some:</i> <b>1-year, depot service</b> / service upgrades available</p> <p><i>Some:</i> <b>1-year or 3-year, limited onsite service</b> / service upgrades available</p>							
<p><i>Some:</i> Windows® 10 Pro 64-bit</p> <p><i>Some:</i> Windows 10 Home 64-bit</p> <p><i>Some:</i> Windows 10 IoT Enterprise (only available via special bid model)</p>							
<p>ENERGY STAR® 8.0*, EPEAT™ Silver rating*, ErP Lot 3, TCO (coming soon), TUV low noise verified (on some models), RoHS-compliant</p> <p>* Only available for MT 11CU/11CV</p>							
For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a>							

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

Lenovo, May 2020

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