

# ThinkCentre M80t 11CS0019US

**Product**

ThinkCentre M80t

**Region**

NA

**Country/Region**

USA

**Machine Type**

11CS

**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 UDIMM DDR4-2933

**Storage**

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

**Optane Memory**

None

**Optional Bay**

Optional 2.5" bay

**Front Access HDD**

None

**Optical**

DVD±RW

**Card Reader**

None

**Speakers**

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

**Case Color**

Black

**Stand**

None

**Keyboard**

USB Traditional Keyboard, Black, English

**Mouse**

USB Calliope Mouse, Black

**Power Supply**

260W 85%

**Additional Certificates**

ENERGY STAR 8.0, EPEAT Silver

**Monitor Cable**

None

**System Management**

Intel vPro, DASH

**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**

195235735954

**End of Support**

2026-12-14

**Announce Date**

2020-10-15

**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>

**L** [WWW.LENOVO.COM](http://WWW.LENOVO.COM)

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# ThinkCentre M80t Platform Specifications

Product Specifications Reference (PSREF)



Processor	Intel® Celeron®, Intel Pentium®, or 10th Gen Intel Core™ i3 / i5 / i7 / i9 Processor	Audio support	High Definition (HD) Audio, Realtek ALC623-CG / internal speaker (2 watt )																																																																																																					
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Support (Up to)</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Celeron G5900</td> <td>2 / 2</td> <td>3.4G</td> <td>2 MB</td> <td>DDR4-2666</td> <td>UHD 610</td> </tr> <tr> <td>Celeron G5920</td> <td>2 / 2</td> <td>3.5G</td> <td>2 MB</td> <td>DDR4-2666</td> <td>UHD 610</td> </tr> <tr> <td>Pentium Gold G6400</td> <td>2 / 4</td> <td>4.0G</td> <td>4 MB</td> <td>DDR4-2666</td> <td>UHD 610</td> </tr> <tr> <td>Pentium Gold G6500</td> <td>2 / 4</td> <td>4.1G</td> <td>4 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Pentium Gold G6600</td> <td>2 / 4</td> <td>4.2G</td> <td>4 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i3-10100</td> <td>4 / 8</td> <td>3.6G / 4.3G</td> <td>6 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i3-10300</td> <td>4 / 8</td> <td>3.7G / 4.4G</td> <td>8 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i3-10320</td> <td>4 / 8</td> <td>3.8G / 4.6G</td> <td>8 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i5-10400F</td> <td>6 / 12</td> <td>2.9G / 4.3G</td> <td>12 MB</td> <td>DDR4-2666</td> <td>None</td> </tr> <tr> <td>Core i5-10400</td> <td>6 / 12</td> <td>2.9G / 4.3G</td> <td>12 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i5-10500</td> <td>6 / 12</td> <td>3.1G / 4.5G</td> <td>12 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i5-10600</td> <td>6 / 12</td> <td>3.3G / 4.8G</td> <td>12 MB</td> <td>DDR4-2666</td> <td>UHD 630</td> </tr> <tr> <td>Core i7-10700F</td> <td>8 / 16</td> <td>2.9G / 4.8G</td> <td>16 MB</td> <td>DDR4-2933</td> <td>None</td> </tr> <tr> <td>Core i7-10700</td> <td>8 / 16</td> <td>2.9G / 4.8G</td> <td>16 MB</td> <td>DDR4-2933</td> <td>UHD 630</td> </tr> <tr> <td>Core i9-10900F</td> <td>10 / 20</td> <td>2.8G / 5.2G</td> <td>20 MB</td> <td>DDR4-2933</td> <td>None</td> </tr> <tr> <td>Core i9-10900</td> <td>10 / 20</td> <td>2.8G / 5.2G</td> <td>20 MB</td> <td>DDR4-2933</td> <td>UHD 630</td> </tr> </tbody> </table>	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	<p>WLAN</p> <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>Bluetooth™ Ethernet (Opt.)</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>
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	* 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	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)																																																																																																					
Memory	128GB max, DDR4-2666 / DDR4-2933*, four 288-pin DIMM sockets, dual-channel capable * Memory module is DDR4-2933, but clocks down for the limitation of processors	Security chip	Discrete TPM 2.0, TCG Certified																																																																																																					
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	Security features	<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> </ul>																																																																																																					
Optical	<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)		<ul style="list-style-type: none"> <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>																																																																																																					
Onboard SATA Media reader	Four onboard SATA 6.0Gb/s connectors Optional 3-in-1 media reader (support SD, SDHC, and SDXC)	Keyboard	<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>																																																																																																					
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) <i>Some:</i> <b>AMD Radeon RX 550X</b> , DirectX 12, 4GB GDDR5, PCIe 3.0 x8, 50 watts, one DisplayPort (up to 3840x2160@60Hz), one HDMI (up to 4096x2160@60Hz), one VGA (up to 2048*1536@85Hz), occupies two slots	Mouse																																																																																																						
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	Mechanical	<ul style="list-style-type: none"> <li>• Tower (13.6L), black color, metal case</li> <li>• Dimensins with bezel &amp; PCI holder &amp; rubber foot: (WxDxH) 5.7" X 11.7" X 13.6; 145mm X 296mm X 346mm</li> <li>• Weight (approx.): 10.6 lb (4.8 kg), weight may vary by configuration</li> </ul>																																																																																																					
Chipset	<b>Intel Q470 Chipset</b>	Bays	<p>Bay 1: Slim ODD bay</p> <p>Bay 2: 3.5" HDD bay</p> <p>Bay 3: 2.5" HDD bay (optional bay, or bay comes with disk)</p>																																																																																																					
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)	Slots	<p>Slot 1: full-height (length &lt; 215mm), PCIe 3.0 x16</p> <p>Slot 2: full-height (length &lt; 215mm), PCIe 3.0 x1</p> <p>Slot 3: full-height (length &lt; 215mm), PCIe 3.0 x4</p> <p>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>																																																																																																					
Front ports* (Opt.)	<i>Optional:</i> 3-in-1 media reader	EOU design	None																																																																																																					
Rear ports* (Std.)	4x USB 3.2 Gen 1, 1x serial (9-pin), 1x ethernet (RJ-45), 2x DP**, 1x HDMI**	Power supply	<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>																																																																																																					
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	Limited warranty	<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>																																																																																																					
		Preload	<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>																																																																																																					
		Environment	ENERGY STAR® 8.0*, EPEAT™ Gold / Silver rating (on some models), ErP Lot 3, TCO 8.0, TUV low noise / ultra low noise verified (on some models), RoHS * Only available for MT 11CS/11CT																																																																																																					
		Accessories	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

# ThinkCentre M80t

