

# ThinkCentre M920 Tower 10SF003YUS

**Product**

ThinkCentre M920t Tower

**Region**

NA

**Country/Region**

USA

**Machine Type**

10SF

**TopSeller**

TopSeller

**Processor**

Intel Core i7-9700 (8C / 8T, 3.0 / 4.7GHz, 12MB)

**Chipset**

Intel Q370 Chipset

**Graphics**

Integrated Intel UHD Graphics 630

**Memory**

1x 16GB DDR4-2666

**Storage**

1x 512GB 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**

None

**Keyboard**

USB Traditional Keyboard, English

**Mouse**

USB Calliope Mouse

**Power Supply**

250W 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**

194632890013

**End of Support**

2026-01-24

**Announce Date**

2019-12-24

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**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 (5WS0V07841)

**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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Lenovo™

# ThinkCentre M920 Tower Platform Specifications

Product Specifications Reference (PSREF)



Processor	Intel® Celeron®, Intel Pentium®, or 8th /9th Gen Intel Core™ i3 / i5 / i7 / i9 Processor	<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 G4900</td><td>2 / 2</td><td>3.1G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Celeron G4920</td><td>2 / 2</td><td>3.2G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Celeron G4930</td><td>2 / 2</td><td>3.2G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Celeron G4950</td><td>2 / 2</td><td>3.3G</td><td>2 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Pentium Gold G5400</td><td>2 / 4</td><td>3.7G</td><td>4 MB</td><td>DDR4-2400</td><td>UHD 610</td></tr> <tr><td>Pentium Gold G5500</td><td>2 / 4</td><td>3.8G</td><td>4 MB</td><td>DDR4-2400</td><td>UHD 630</td></tr> <tr><td>Pentium Gold G5600</td><td>2 / 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MB	DDR4-2666	UHD 630	Core i5-9600	6 / 6	3.1G / 4.6G	9 MB	DDR4-2666	UHD 630	Core i7-9700	8 / 8	3.0G / 4.7G	12 MB	DDR4-2666	UHD 630	Core i9-9900	8 / 16	3.1G / 5.0G	16 MB	DDR4-2666	UHD 630	<p>USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4 (available on 09/30/2018), 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</p> <p>Audio support High Definition (HD) Audio, Realtek ALC233VB2 / internal speaker (2 watt )</p> <p>WLAN <i>Some:</i> 11ac Wi-Fi + BT 4.2, M.2 Card, Realtek RTL8821CE (dual band), 1x1 <i>Some:</i> 11ac Wi-Fi + BT 4.2, M.2 Card, Realtek RTL8822BE (dual band), 2x2 <i>Some:</i> 11ac Wi-Fi + BT 4.2, M.2 Card, Intel Dual Band Wireless-AC 3165, 1x1 <i>Some:</i> 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, 2x2 <i>Some:</i> 11ac Wi-Fi + BT 5.0, M.2 Card, Intel Wireless-AC 9560 (dual band), Intel vPro technology support, 2x2</p> <p>Bluetooth™ Ethernet Ethernet (Opt.) <i>Some:</i> Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN® <i>Some:</i> Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4 <i>Some:</i> Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1 (special bid only)</p> <p>Manageability Intel Active Management Technology 12 (Intel AMT 12); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)</p> <p>Security chip Discrete TPM 2.0, TCG Certified</p> <p>Security features</p> <ul style="list-style-type: none"> <li>• Security slot (in rear for optional Kensington® MicroSaver® cable)</li> <li>• Padlock loop</li> <li>• Optional cable lock to physically lock both keyboard and mouse</li> <li>• Optional chassis intrusion switch</li> <li>• Optional chassis E-Lock (special bid)</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>Keyboard <i>Some:</i> Lenovo Calliope Keyboard (USB connector), black <i>Some:</i> Lenovo Traditional Keyboard (USB connector), black <i>Some:</i> Lenovo Calliope Wireless Keyboard (2.4GHz via USB receiver), black <i>Some:</i> Lenovo Keyboard (PS/2 connector), black (only available via special bid)</p> <p>Mouse <i>Some:</i> Lenovo Calliope Mouse (USB connector), black <i>Some:</i> Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black <i>Some:</i> Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black <i>Some:</i> Lenovo Mouse (PS/2 connector), black (only available via special bid)</p> <p>Mechanical</p> <ul style="list-style-type: none"> <li>• Tower (18L), black color, metal case</li> <li>• (WxDxH) 6.5" X 12.65" X 16.15"; 165mm X 321.35mm X 410.25mm</li> <li>• Approx. 15.45 lb (7 kg), weight may vary by configuration</li> <li>• Toolless cover, disk, optical, extension card removal</li> <li>• Optional carry handle, dust filter</li> <li>Bay 1: Slim external ODD bay</li> <li>Bay 2: 5.25", 1.6" high, external, ODD / optional front access HDD</li> <li>Bay 3: 3.5", 1" high, internal, HDD/SSD</li> <li>Bay 4: 3.5", 1" high, internal, HDD/SSD (optional bay, bay comes with disk)</li> <li>Bay 5: 2.5", internal, HDD/SSD (optional bay)</li> <li>Notes: M920 Tower supports up to 3 SATA devices (ODD/HDD/SSD) and 1 eSATA device (front access HDD)</li> <li>Slot 1: full-length (&lt; 268mm) full-height (&lt; 112mm), PCIe 3.0 x16</li> <li>Slot 2: full-length (&lt; 268mm) full-height (&lt; 112mm), PCIe 3.0 x1</li> <li>Slot 3: full-length (&lt; 268mm) full-height (&lt; 112mm), PCIe 3.0 x16 (x4 signal)</li> <li>Slot 4: no slot, only bracket for optional port extension</li> <li>M.2 card slots: Two (one for WLAN, one for SSD/Optane)</li> </ul> <p>Power supply <i>Some:</i> 180 watts, autosensing, 85% PSU <i>Some:</i> 250 watts, autosensing, 85% PSU <i>Some:</i> 400 watts, autosensing, 92% PSU (only available via special bid)</p> <p>Limited warranty <i>Some:</i> <b>1-year</b> or <b>3-year, depot service</b> / service upgrades available <i>Some:</i> <b>1-year</b> or <b>3-year, limited onsite service</b> / service upgrades available</p> <p>Preload <i>Some:</i> Windows® 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit</p> <p>Environment ENERGY STAR® 6.1, EPEAT™ Silver rating (North America), ErP Lot 3, TCO, TUV low noise verified (coming soon, on some models), RoHS-compliant</p> <p>Accessories For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a></p>
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Memory	64GB max, DDR4-2666*, four 288-pin DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller																																																																																																																																																		
Storage	<i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" <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 (not support Celeron / Pentium Processor), M.2																																																																																																																																																		
Optical	Optional DVD-ROM or DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)																																																																																																																																																		
Onboard SATA	Four onboard SATA 6.0Gb/s connectors, RAID 0/1 support (RAID preset only available via special bid model)																																																																																																																																																		
Media reader	Optional 7-in-1 media reader																																																																																																																																																		
Graphics	<b>Intel UHD Graphics 610/630</b> in processor, uses main memory, DirectX® 12, one VGA (up to 2048x1536@50Hz), two DisplayPort™ (up to 4096x2304@60Hz), supports 3 independent displays, more displays support via discrete graphics <i>Some:</i> <b>NVIDIA GeForce® GT 730</b> (End Of Life), DirectX 12, 2GB GDDR5, PCIe 2.0 x16, 35 watts, two DisplayPort (up to 3840x2160@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) <i>Some:</i> <b>NVIDIA GeForce GTX 1060</b> (special bid only), DirectX 12, 6GB GDDR5, PCIe 3.0 x16, 120 watts, 1x DVI-D (up to 2560x1600@60Hz), 1x HDMI (up to 4096x2160@60Hz), 3x DP (up to 5120x3200@60Hz), occupies two slots																																																																																																																																																		
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 Q370 Chipset</b>																																																																																																																																																		
Front ports* (Std.)	2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x USB 3.1 Type-C Gen1 (15W charging), 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)																																																																																																																																																		
Front ports* (Opt.)	Optional: 1x media reader																																																																																																																																																		
Rear ports* (Std.)	4x USB 3.1 Gen1, 1x serial (9-pin), 1x ethernet (RJ-45), 1x VGA, 2x DisplayPort, 1x line-out (3.5mm)																																																																																																																																																		
Rear ports* (Opt.)	Optional: 2x USB 2.0, 2x USB 3.1 Gen1 via PCIe x1, 2x USB 3.1 Type-C Gen2 via PCIe x4 (special bid only), 1x 2nd serial (9-pin), 4x serial (9-pin) via PCIe x1, 1x parallel (25-pin), 2x PS/2 ports (keyboard/mouse), 1x Thunderbolt 3 (combo)																																																																																																																																																		

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

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