ThinkCentre M920 Tiny Platform Specifications

Product Specifications Reference (PSREF)

Processor

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<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>
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<tbody>
<tr>
<td>Intel Celeron™, Intel Pentium™, or 8th / 9th Gen Intel Core™</td>
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</table>

Memory

- 32GB max, DDR4-2666*, 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", 5400 rpm or 7200 rpm
- Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
- Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
- * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s

Optical

- Some: Intel Optane™ Memory (not support Celeron / Pentium Processor, M.2)
- Some: DVD-ROM, slim (9.0mm), via USB external ODD box
- Some: DVD Burner (DVDs/RWs), 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, one optional video port (2nd HDMI, VGA, 2nd DP, or USB 3.1 Type-C Gen1 with DisplayPort function), up to 3 independent displays;
- Max resolution: 4096x2160 (onboard HDMI)@24Hz; 2048x1536 (VGA)@50Hz

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 Q370 Chipset

WLAN

- Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
- Some: 11ac wireless, M.2 Card, Realtek RTL8822BGE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
- Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
- Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
- Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2

Bluetooth

- Some: Bluetooth 4.2/5.0 wireless, integrated in Wi-Fi + BT combo adapter
- Gigabit ethernet, Intel Ethernet Connection I219-LM(Jacksonville), Wake on LAN™

Power

- Some: Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4

Environment


Security chip

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Chassis intrusion switch
- Power-on password
- Administrator password
- Hard disk password

Manageability

- Intel Active Management Technology 12 (Intel AMT 12);
- Discrete TPM 2.0, TCG Certified

Keyboard

- Some: Lenovo Calliope Keyboard (USB connector), black
- Some: Lenovo Treiber Keyboard (USB connector), black
- Some: Lenovo Calliope Mouse (USB connector), black
- Some: Lenovo Calliope Wireless Mouse (2.4GHz via USB receiver), black

Mouse

- Tiny (1L), black color; metal case
- Toolless chassis open (need optional toolless chassis screw)
- Toolless HDD, SSD, memory removal
- Optional dust filter
- One 2.5" bay for HDD/SSD, one PCIe 3.0 x 8 slot (low-profile), two M.2 slots (one for WLAN, one for M.2 SSD), 2.5" HDD/SSD and PCIe card are mutually exclusive

Mechanical

- Tiny only
- Dimensions (WxDxH) 7.0" x 7.2" x 1.4" (1.5" with rubber feet)
- Weight (Approx.) 2.91 lb (1.32 kg), vary by config

Onboard SATA

- Some: Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm
- Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
- Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
- * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s

Preload

- Some: Windows® 10 Pro 64-bit
- Some: Lenovo Windows 10 Home 64-bit

Limitated warranty

- Some: 1-year or 3-year, depot service / service upgrades available
- Some: 1-year or 3-year, limited onsite service / service upgrades available

Power supply

- Some: 65 watts AC/DC adapter, autosensing, 88% PSU
- Some: 90 watts AC/DC adapter, autosensing, 88% PSU
- Some: 135 watts AC/DC adapter, autosensing, 88% PSU

Audio support

- Realtek ALC233VB2 / optional internal speaker (1.5 watt or 2 watt)

WLAN

- Some: 11ac wireless, M.2 Card, Realtek RTL8821CE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
- Some: 11ac wireless, M.2 Card, Realtek RTL8822BE (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
- Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.2 combo adapter, 1x1
- Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8265, Wi-Fi + Bluetooth 4.2 combo adapter, 2x2
- Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, Intel vPro technology support, 2x2

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

Lenovo, October 2020