ThinkCentre M920 Tower 10SF000BUS

Region
US

Machine Type
10SF

TopSeller
TopSeller

Processor
Core i7-8700 (6C, 3.2 / 4.6GHz, 12MB)

vPro
vPro

Graphics
Integrated Intel UHD Graphics 630

Monitor Cable
None

Memory
8GBx1

Storage
256GB SSD M.2 PCIe NVMe Opal

Optional Bay
Optional 3.5" bay

Front Access HDD
None

Optical
DVD±RW

Media Reader
None

WLAN + Bluetooth
None

Ethernet
Integrated

Optional Rear Ports
None

Chassis Intrusion Switch
None

Chassis E-Lock
None

Cable Lock
None

Speaker
2Wx1

Dust Filter
None

Carry Handle
Carry Handle

Stand
None

Keyboard / Mouse
USB / USB

Power Supply
250W 85%

TUV Low Noise
None

Operating System
Windows 10 Pro 64

Warranty
3-year, Onsite

End of Support
Jul 26, 2024

Ann Date (mm/yy)
06/18

Note:
Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

www.lenovo.com

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifcations or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication “as is” without warranty of any kind, either express or implied, including the implied warranties of merchantability or ftness for a particular purpose.

http://psref.lenovo.com
Visit psref website for the latest version of Product Specifcations Reference.

© Lenovo, 2018. All rights reserved.



ThinkCentre M920 Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron®, Intel Pentium®, or 8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron G4900	2 / 2	3.1G	2 MB	DDR4-2400	UHD 610
Celeron G4920	2 / 2	3.2G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400	2 / 4	3.7G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500	2 / 4	3.8G	4 MB	DDR4-2400	UHD 630
Pentium Gold G5600	2 / 4	3.9G	4 MB	DDR4-2400	UHD 630
Core i3-8100	4 / 4	3.6G	6 MB	DDR4-2400	UHD 630
Core i3-8300	4 / 4	3.7G	8 MB	DDR4-2400	UHD 630
Core i5-8400	6 / 6	2.8G / 4.0G	9 MB	DDR4-2666	UHD 630
Core i5-8500	6 / 6	3.0G / 4.1G	9 MB	DDR4-2666	UHD 630
Core i5-8600	6 / 6	3.1G / 4.3G	9 MB	DDR4-2666	UHD 630
Core i7-8700	6 / 12	3.2G / 4.6G	12 MB	DDR4-2666	UHD 630

Memory

64GB max, UDIMM, DDR4-2666*, four 288-pin DIMM sockets, non-ECC, dual-channel capable
* System automatically clocks down for the processors with lower memory controller

Storage

Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 5400 rpm or 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5"
Some: M.2 Solid State Drive (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
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

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

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

Intel UHD Graphics 610/630 in processor, uses main memory, DirectX® 12, one VGA, two DisplayPort™, supports 3 independent displays, works along with discrete graphics to support more displays;
Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 2GB, PCIe 2.0 x8 adapter, two DisplayPort, 35 watts;
Max resolution: 3840x2160 (DisplayPort)@60Hz;
Some: **NVIDIA Geforce GTX 1060** (special bid only), DirectX 12, 6GB, PCIe 3.0 x16 adapter, 1x DVI-D, 1x HDMI, 3x DP, 120 watts, occupies two slots;
Max resolution: 2560x1600 (DVI-D)@60Hz; 4096x2160 (HDMI)@60Hz 5120x3200 (DP)@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 Q370 Chipset

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 USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4, additional RJ-45 and video ports available on optional graphics or ethernet card

Audio support

High Definition (HD) Audio, Realtek ALC233VB2 / internal speaker (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

Bluetooth™

Some: Bluetooth 4.2/5.0 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 (special bid only)

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)

Security chip

Discrete TPM 2.0, TCG Certified

Security features

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Optional cable lock to physically lock both 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
Some: Lenovo Keyboard (PS/2 connector), black (only available via special bid)

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
Some: Lenovo Mouse (PS/2 connector), black (only available via special bid)

Mechanical

- Tower (18L), black color, metal case
- *(WxDxH)* 6.5" X 12.65" X 16.15"; 165mm X 321.35mm X 410.25mm
- Approx. 15.45 lb (7 kg), weight may vary by configuration
- Toolless cover, disk, optical, extension card removal
- Optional carry handle, dust filter

Bay 1: Slim external ODD bay
Bay 2: 5.25", 1.6" high, external, ODD / optional front access HDD
Bay 3: 3.5", 1" high, internal, HDD/SSD
Bay 4: 3.5", 1" high, internal, HDD/SSD (optional bay, bay comes with disk)
Bay 5: 2.5", internal, HDD/SSD (optional bay)
Notes: M920 Tower supports up to 3 SATA devices (ODD/HDD/SSD) and 1 eSATA device (front access HDD)
Slot 1: full-length (< 268mm) full-height (< 112mm), PCIe 3.0 x16
Slot 2: full-length (< 268mm) full-height (< 112mm), PCIe 3.0 x1
Slot 3: full-length (< 268mm) full-height (< 112mm), PCIe 3.0 x16 (x4 signal)
Slot 4: no slot, only bracket for optional port extension
M.2 card slots: Two (one for WLAN, one for SSD/Optane)

Power supply

Some: 180 watts, autosensing, 85% PSU
Some: 250 watts, autosensing, 85% PSU
Some: 400 watts, autosensing, 92% PSU (only available via special bid)

Limited warranty

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

Preload

Preloaded operating system
Some: Windows® 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Vantage
- Microsoft Office preloaded; purchase a product key to activate
- Cyberlink PowerDVD (only for models with DVD / DVD±RW)
- Cyberlink Power2GO (only for models with DVD±RW)
- LinkedIn

Environment

ENERGY STAR® 6.1, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV low noise verified (coming soon, on some models), RoHS-compliant

Accessories

For compatible accessories, please go to **http://smartfind.lenovo.com**

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

ThinkCentre M920 Tower











