# ThinkCentre M920 SFF 10SJ003HSP

**Product**
ThinkCentre M920s SFF

**Region**
WE

**Country**
Spain

**Machine Type**
10SJ

**TopSeller**
TopSeller

**Processor**
Core i5-9500 (6C / 6T, 3.0 / 4.4GHz, 9MB)

**vPro**
vPro

**Graphics**
Integrated Intel UHD Graphics 630

**Monitor Cable**
None

**Memory**
1x 8GB DDR4-2666

**Storage**
512GB SSD M.2 2280 PCIe x4 NVMe Opal

**Optional Bay**
None

**Front Access HDD**
None

**Optical**
DVD±RW

**Media Reader**
7-in-1

**WLAN + Bluetooth**
Intel 9560 11ac, 2x2 + BT5.0

**Ethernet**
Integrated

**Optional Rear Ports**
None

**Chassis Intrusion Switch**
Chassis Intrusion Switch

**Chassis E-Lock**
None

**Cable Lock**
None

**Speaker**
2Wx1

**Dust Filter**
None

**Carry Handle**
None

**Stand**
None

**Keyboard / Mouse**
USB / USB

**Power Supply**
210W 85%

**TUV Low Noise**
None

**Operating System**
Windows 10 Pro 64

**Warranty**
3-year, Onsite

**End of Support**
2025-08-02

**Announce Date**
2019-07-02

**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, 2019. All rights reserved.



# ThinkCentre M920 SFF Platform Specifications



**Processor** — Intel® Celeron®, Intel Pentium®, or 8th / 9th Gen Intel Core™ i3 / i5 / i7 / i9 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 |
| Celeron G4930 | 2 / 2 | 3.2G | 2 MB | DDR4-2400 | UHD 610 |
| Celeron G4950 | 2 / 2 | 3.3G | 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 |
| Pentium Gold G5420 | 2 / 4 | 3.8G | 4 MB | DDR4-2400 | UHD 610 |
| Pentium Gold G5620 | 2 / 4 | 4.0G | 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 |
| Core i3-9100 | 4 / 4 | 3.6G / 4.2G | 6 MB | DDR4-2400 | UHD 630 |
| Core i3-9300 | 4 / 4 | 3.7G / 4.3G | 8 MB | DDR4-2400 | UHD 630 |
| Core i3-9320 | 4 / 4 | 3.7G / 4.4G | 8 MB | DDR4-2400 | UHD 630 |
| Core i5-9400 | 6 / 6 | 2.9G / 4.1G | 9 MB | DDR4-2666 | UHD 630 |
| Core i5-9500 | 6 / 6 | 3.0G / 4.4G | 9 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 |

**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** — *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 x16 adapter, two DisplayPort, 35 watts;
*Max resolution:* 3840x2160 (DisplayPort)@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 (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

**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 (special bid)
- 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**
- SFF (8.4L), black color, metal case
- *(WxDxH)* 3.6" X 11.4" X 13.5"; 92.5mm X 290.5mm X 343.5mm
- Approx. 13.23 lb (6 kg), weight may vary by configuration
- Toolless cover, disk, optical, extension card removal
- Optional dust filter

Bay 1: Slim external ODD bay
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 2.5", internal, HDD/SSD (optional bay)
Slot 1: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x16
Slot 2: low-profile (length < 150mm, height < 68mm), PCIe 3.0 x1
Slot 3: low-profile (length < 150mm, height < 68mm), 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)

**Floor Stand** — Optional system floor stand for vertical orientation

**Power supply** — *Some:* 180 watts, autosensing, 85% PSU
*Some:* 210 watts, autosensing, 85% PSU
*Some:* 260 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** — *Some:* Windows® 10 Pro 64-bit
*Some:* Windows 10 Home 64-bit

**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

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

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

# ThinkCentre M920 SFF











