ThinkCentre M920 Tiny 10RS002YIX

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Product
ThinkCentre M920q Tiny

Region
WE

Country
Italy

Machine Type
10RS

TopSeller
TopSeller

Processor
Core i7-8700T (6C / 12T, 2.4 / 4.0GHz, 12MB)

vPro
vPro

Graphics
Integrated Intel UHD Graphics 630

Monitor Cable
None

Memory
1x 16GB DDR4-2666

Storage
512GB SSD M.2 2280 PCIe x4 NVMe opal

Optical
None

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

Ethernet
Integrated

Optional Rear Ports
1x DP + 1x Serial

Chassis Intrusion Switch
Chassis Intrusion Switch

Kensington Cable Lock
None

Adapter Cage
None

Toolless Chassis Screw
Toolless Chassis Screw

Speaker
1.5Wx1

Dust Filter
Dust Filter

VESA Mount
None

Stand
Stand

Keyboard / Mouse
USB / USB

Power Supply
90W 88% Adapter

TUV Low Noise
None

Operating System
Windows 10 Pro 64

Bundled Software
None

Warranty
3-year, Onsite

End of Support
2024-08-17

Announce Date
2018-07-17

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ThinkCentre M920 Tiny 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 G4900T	2 / 2	2.9G	2 MB	DDR4-2400	UHD 610
Pentium Gold G5400T	2 / 4	3.1G	4 MB	DDR4-2400	UHD 610
Pentium Gold G5500T	2 / 4	3.2G	4 MB	DDR4-2400	UHD 630
Core i3-8100T	4 / 4	3.1G	6 MB	DDR4-2400	UHD 630
Core i3-8300T	4 / 4	3.2G	8 MB	DDR4-2400	UHD 630
Core i5-8400T	6 / 6	1.7G / 3.3G	9 MB	DDR4-2666	UHD 630
Core i5-8500T	6 / 6	2.1G / 3.5G	9 MB	DDR4-2666	UHD 630
Core i5-8600T	6 / 6	2.3G / 3.7G	9 MB	DDR4-2666	UHD 630
Core i7-8700T	6 / 12	2.4G / 4.0G	12 MB	DDR4-2666	UHD 630

Memory

32GB max, DDR4-2666*, two 260-pin SO-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", 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
Some: Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2

Optical

Some: DVD-ROM, slim (9.0mm), via USB external ODD box
Some: DVD Burner (DVD±RW), 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: 4096x2304 (DP)@60Hz; 4096x2304 (Type-C)@60Hz; 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

Front ports (Std.)* one USB 3.1 Gen1 (Always On and fast charge), one USB 3.1 Type-C Gen 1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm)

Rear ports (Std.)* 2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x ethernet (RJ-45), 1x DisplayPort, 1x HDMI

Rear ports (Opt.)* Two optional ports (mutually exclusive with PCIe card): Port 1 for VGA / 2nd DP / 2nd HDMI / serial / USB 3.1 Type-C Gen 1 with DP function); Port 2 for serial; Optional ports via PCIe card: 2x USB 3.1 Gen1 via PCIe x1, 4x serial (9-pin) via PCIe x1, 1x Thunderbolt 3 (combo USB3.1 Type-C Gen 2 / DisplayPort) via PCIe x4
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

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

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

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)
- Chassis intrusion switch
- 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

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

Mechanical

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 x8 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

	Dimensions (WxDxH)	Weight (Approx.)
Tiny only	7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm	2.91 lb (1.32 kg), vary by config
With VESA mount & ODD box	7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm	3.66 lb (1.66 kg), vary by config

VESA mount

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

Floor Stand

Optional system floor stand for vertical orientation

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

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
- Intel Unite (Machine Type 10V8 models only)

Environment

ENERGY STAR® 7.0, EPEAT™ Gold rating (North America), ErP Lot 3, TCO, TUV ultra low noise verified (coming soon, on some models), RoHS-compliant

MIL-SPEC test

MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

Accessories

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

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

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