

ThinkCentre M920x Tiny Platform Specifications

Product Specifications Reference (PSREF)

| 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 | 4x Mini DisplayPort, up to 4 independent displays, works along with onboard DP and HDMI to support up to 6 independent displays; <i>Max resolution:</i> 5120x2880@60Hz ((up to 2 Mini DisplayPort); 4096x2160@60Hz ((up to 4 Mini DisplayPort) | | | | | | | | | |
| Celeron G4920 | 2 / 2 | 3.2G | 2 MB | DDR4-2400 | UHD 610 | | | | | | | | | | |
| Celeron G4930 | 2 / 2 | 3.2G | 2 MB | DDR4-2400 | UHD 610 | 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, Mini DP to DP | | | | | | | | | |
| 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 | Intel Q370 Chipset | | | | | | | | | |
| 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 | 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) | | | | | | | | | |
| 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 | Rear ports (Std.)* 2x USB 3.1 Gen2, 2x USB 3.1 Gen1, 1x ethernet (RJ-45), 1x DP, 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 / DP) via PCIe x4 * Depending on many factors, actual data transfer speed may be lower than theoretical speed | | | | | | | | | |
| 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 | Audio support Realtek ALC233VB2 / optional internal speaker (1.5 watt or 2 watt) | | | | | | | | | |
| 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 | 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 Wi-Fi + BT 4.2, 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 | | | | | | | | | |
| 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 | Bluetooth <i>Some:</i> 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.) <i>Some:</i> Intel Ethernet Server Adapter I350-T4, gigabit ethernet, 4x RJ-45, PCIe x4 | | | | | | | | | |
| 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 | 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) | | | | | | | | | |
| 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 | Security chip Discrete TPM 2.0, TCG Certified Security features <ul style="list-style-type: none">• Security slot (in rear for optional Kensington® MicroSaver® cable)• Chassis intrusion switch• Power-on password• Administrator password• Hard disk password <ul style="list-style-type: none">• Boot sequence control• Boot without keyboard and mouse• Individual USB port disablement• Smart USB protection, allows keyboard/mouse only, blocks all storage devices | | | | | | | | | |
| 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 | 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 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 | | | | | | | | | |
| Celeron G4900T | 2 / 2 | 2.9G | 2 MB | DDR4-2400 | UHD 610 | | | | | | | | | | |
| Celeron G4930T | 2 / 2 | 3.0G | 2 MB | DDR4-2400 | UHD 610 | Mechanical Tiny (1L), black color; metal case <ul style="list-style-type: none">• 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), three M.2 slots (one for WLAN, two for M.2 SSD), 2.5" HDD/SSD and PCIe card are mutually exclusive | | | | | | | | | |
| 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 | <table border="1"> <thead> <tr> <th></th> <th>Dimensions (WxDxH)</th> <th>Weight (Approx.)</th> </tr> </thead> <tbody> <tr> <td>Tiny only</td> <td>7.05" X 7.20" X 1.36" 179mm X 182.9mm X 34.5mm</td> <td>2.91 lb (1.32 kg), vary by config</td> </tr> <tr> <td>With VESA mount & ODD box</td> <td>7.42" X 7.30" X 2.48" 188.4mm X 185.38mm X 63mm</td> <td>3.66 lb (1.66 kg), vary by config</td> </tr> </tbody> </table> | | 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 |
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| Pentium Gold G5600T | 2 / 4 | 3.3G | 4 MB | DDR4-2400 | UHD 630 | | | | | | | | | | |
| Pentium Gold G5420T | 2 / 4 | 3.2G | 4 MB | DDR4-2400 | UHD 610 | 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 | | | | | | | | | |
| 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 | Storage <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" <i>Some:</i> M.2 SSD (support up to two M.2 SSD) / PCIe NVMe, PCIe 3.0 x 4", 32Gb/s, RAID 0/1 support (RAID preset only available via special bid model) * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s <i>Some:</i> Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2 <i>Some:</i> DVD-ROM, slim (9.0mm), via USB external ODD box <i>Some:</i> DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box | | | | | | | | | |
| 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 | Optical One onboard SATA 6.0Gb/s connector | | | | | | | | | |
| 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 | Onboard SATA | | | | | | | | | |
| Core i3-9100T | 4 / 4 | 3.1G / 3.7G | 6 MB | DDR4-2400 | UHD 630 | | | | | | | | | | |
| Core i3-9300T | 4 / 4 | 3.2G / 3.8G | 8 MB | DDR4-2400 | UHD 630 | 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; <i>Max resolution:</i> c4096x2304 (DP) @60Hz; 4096x2304 (Type-C) @60Hz; 4096x2160 (onboard HDMI) @24Hz; 2048x1536 (VGA) @50Hz <i>Some:</i> AMD Radeon™ RX 560 , DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, | | | | | | | | | |
| Core i5-9400T | 6 / 6 | 1.8G / 3.4G | 9 MB | DDR4-2666 | UHD 630 | | | | | | | | | | |
| Core i5-9500T | 6 / 6 | 2.2G / 3.7G | 9 MB | DDR4-2666 | UHD 630 | VESA mount Optional VESA mount bracket kit, supports VESA 75mm and 100mm Floor Stand Optional system floor stand for vertical orientation | | | | | | | | | |
| Core i5-9600T | 6 / 6 | 2.3G / 3.9G | 9 MB | DDR4-2666 | UHD 630 | | | | | | | | | | |
| Core i7-9700T | 8 / 8 | 2.0G / 4.3G | 12 MB | DDR4-2666 | UHD 630 | Power supply 135 watts AC/DC adapter, autosensing, 88% PSU | | | | | | | | | |
| Core i9-9900T | 8 / 16 | 2.1G / 4.4G | 16 MB | DDR4-2666 | UHD 630 | | | | | | | | | | |
| 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 | | | | | Limited warranty <i>Some:</i> 1-year or 3-year, depot service / service upgrades available <i>Some:</i> 1-year or 3-year, limited onsite service / service upgrades available | | | | | | | | | |
| Storage | <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm <i>Some:</i> Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" <i>Some:</i> M.2 SSD (support up to two M.2 SSD) / PCIe NVMe, PCIe 3.0 x 4", 32Gb/s, RAID 0/1 support (RAID preset only available via special bid model) * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s <i>Some:</i> Intel Optane™ Memory (not support Celeron / Pentium Processor), M.2 <i>Some:</i> DVD-ROM, slim (9.0mm), via USB external ODD box <i>Some:</i> DVD Burner (DVD±RW), slim (9.0mm), via USB external ODD box | | | | | | | | | | | | | | |
| Optical | One onboard SATA 6.0Gb/s connector | | | | | Preload <i>Some:</i> Windows® 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit | | | | | | | | | |
| 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; <i>Max resolution:</i> c4096x2304 (DP) @60Hz; 4096x2304 (Type-C) @60Hz; 4096x2160 (onboard HDMI) @24Hz; 2048x1536 (VGA) @50Hz <i>Some:</i> AMD Radeon™ RX 560 , DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, | | | | | 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) | | | | | | | | | |
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| | | | | | | 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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