

ThinkCentre M70c Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 10th Gen Intel Core™ i3 / i5 / i7 / i9 Processor	WLAN	Some: 11ac wireless, M.2 Card, Realtek RTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 Some: 11ac wireless, M.2 Card, Intel Wireless-AC 9260 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2																																																																																																												
	<table border="1"> <thead> <tr> <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> </tr> </thead> <tbody> <tr><td>Celeron G5905</td><td>2 / 2</td><td>3.5G</td><td>4 MB</td><td>DDR4-2666</td><td>UHD 610</td></tr> <tr><td>Celeron G5925</td><td>2 / 2</td><td>3.6G</td><td>4 MB</td><td>DDR4-2666</td><td>UHD 610</td></tr> <tr><td>Celeron G5900</td><td>2 / 2</td><td>3.4G</td><td>2 MB</td><td>DDR4-2666</td><td>UHD 610</td></tr> <tr><td>Celeron G5920</td><td>2 / 2</td><td>3.5G</td><td>2 MB</td><td>DDR4-2666</td><td>UHD 610</td></tr> <tr><td>Pentium Gold G6400</td><td>2 / 4</td><td>4.0G</td><td>4 MB</td><td>DDR4-2666</td><td>UHD 610</td></tr> <tr><td>Pentium Gold G6500</td><td>2 / 4</td><td>4.1G</td><td>4 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Pentium Gold G6600</td><td>2 / 4</td><td>4.2G</td><td>4 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i3-10100</td><td>4 / 8</td><td>3.6G / 4.3G</td><td>6 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i3-10300</td><td>4 / 8</td><td>3.7G / 4.4G</td><td>8 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i3-10320</td><td>4 / 8</td><td>3.8G / 4.6G</td><td>8 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i5-10400</td><td>6 / 12</td><td>2.9G / 4.3G</td><td>12 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i5-10500</td><td>6 / 12</td><td>3.1G / 4.5G</td><td>12 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i5-10600</td><td>6 / 12</td><td>3.3G / 4.8G</td><td>12 MB</td><td>DDR4-2666</td><td>UHD 630</td></tr> <tr><td>Core i7-10700F</td><td>8 / 16</td><td>2.9G / 4.8G</td><td>16 MB</td><td>DDR4-2933</td><td>None</td></tr> <tr><td>Core i7-10700</td><td>8 / 16</td><td>2.9G / 4.8G</td><td>16 MB</td><td>DDR4-2933</td><td>UHD 630</td></tr> <tr><td>Core i9-10900F</td><td>10 / 20</td><td>2.8G / 5.2G</td><td>20 MB</td><td>DDR4-2933</td><td>None</td></tr> <tr><td>Core i9-10900</td><td>10 / 20</td><td>2.8G / 5.2G</td><td>20 MB</td><td>DDR4-2933</td><td>UHD 630</td></tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics	Celeron G5905	2 / 2	3.5G	4 MB	DDR4-2666	UHD 610	Celeron G5925	2 / 2	3.6G	4 MB	DDR4-2666	UHD 610	Celeron G5900	2 / 2	3.4G	2 MB	DDR4-2666	UHD 610	Celeron G5920	2 / 2	3.5G	2 MB	DDR4-2666	UHD 610	Pentium Gold G6400	2 / 4	4.0G	4 MB	DDR4-2666	UHD 610	Pentium Gold G6500	2 / 4	4.1G	4 MB	DDR4-2666	UHD 630	Pentium Gold G6600	2 / 4	4.2G	4 MB	DDR4-2666	UHD 630	Core i3-10100	4 / 8	3.6G / 4.3G	6 MB	DDR4-2666	UHD 630	Core i3-10300	4 / 8	3.7G / 4.4G	8 MB	DDR4-2666	UHD 630	Core i3-10320	4 / 8	3.8G / 4.6G	8 MB	DDR4-2666	UHD 630	Core i5-10400	6 / 12	2.9G / 4.3G	12 MB	DDR4-2666	UHD 630	Core i5-10500	6 / 12	3.1G / 4.5G	12 MB	DDR4-2666	UHD 630	Core i5-10600	6 / 12	3.3G / 4.8G	12 MB	DDR4-2666	UHD 630	Core i7-10700F	8 / 16	2.9G / 4.8G	16 MB	DDR4-2933	None	Core i7-10700	8 / 16	2.9G / 4.8G	16 MB	DDR4-2933	UHD 630	Core i9-10900F	10 / 20	2.8G / 5.2G	20 MB	DDR4-2933	None	Core i9-10900	10 / 20	2.8G / 5.2G	20 MB	DDR4-2933	UHD 630	Bluetooth Ethernet Ethernet (Opt.)	Some: Bluetooth 5.0 wireless, integrated in Wi-Fi + BT combo adapter Gigabit ethernet, Realtek RTL8111HN, Wake on LAN® Some: Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1
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		Manageability Security chip	None Discrete TPM 2.0, TCG Certified																																																																																																												
		Security features	<ul style="list-style-type: none"> Security slot (for Kensington® lock) Padlock loop Optional Smart Cable Clip to physically lock keyboard and mouse Optional 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																																																																																																												
		Mouse	Some: Lenovo Calliope Mouse (USB connector), black Some: Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black																																																																																																												
		Mechanical	<ul style="list-style-type: none"> SFF (7.4L), black color, metal case Dimensions with bezel & PCI holder & rubber foot: (WxDxH) 3.9" X 11.9" X 10.8"; 100mm X 303.5mm X 274.8mm Approx. 6.57 lb (4.5 kg), weight may vary by configuration 																																																																																																												
Memory	32GB max, DDR4-3200*, two 288-pin DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller	Bays	Bay 1: Slim ODD bay Bay 2: 3.5" disk bay, supports 2.5" HDD (2.5 to 3.5 bracket comes with 2.5" disk)																																																																																																												
Storage	Support up to 1x HDD (2.5"/3.5") and 1x M2.SSD Some: Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 7200 rpm Some: M.2 SSD (2242 / 2280) / PCIe NVMe, PCIe 3.0 x2 or PCIe 3.0 x4 Some: Intel Optane™ Memory M10, M.2 2280, PCIe 3.0 x2	Slots	Slot 1: low-profile (length < 152mm, height < 64mm), PCIe 3.0 x16* Slot 2: low-profile (length < 152mm, height < 64mm), PCIe 3.0 x1* *Optional rear 2x USB2.0 / parallel occupies one expansion slot																																																																																																												
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)	Floor Stand EOU design	Optional system floor stand for vertical orientation None																																																																																																												
Onboard SATA Media reader	Two onboard SATA 6.0Gb/s connectors Optional 7-in-1 media reader	Power supply	Some: 180 watts, autosensing, 85% PSU Some: 260 watts, autosensing, 85% PSU																																																																																																												
Graphics	Intel UHD Graphics 610/630 in some processors, uses main memory, DirectX® 12, one DisplayPort™, one VGA, supports up to 2 independent displays, more displays support via discrete graphics Max resolution: 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz Some: AMD Radeon™ 520, DirectX 12, 2GB GDDR5, PCIe 3.0 x8 adapter, one VGA, one HDMI, 30 watts (Max); Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@85Hz	Limited warranty	1-year or 3-year, limited onsite service / service upgrades available																																																																																																												
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	Preload	Some: Windows® 10 Pro 64-bit Some: Windows 10 Home 64-bit Some: Windows 10 IoT Enterprise (only available via special bid model) Some: Linux (Ubuntu)																																																																																																												
Chipset	Intel B460 Chipset	Environment	ENERGY STAR® 8.0*, EPEAT™ Silver or Gold rating (on some models), ErP Lot 3, RoHS-compliant, TUV low / ultra noise verified (on some models) * Only available for MT 11GK/11GJ																																																																																																												
Front ports* (Std.)	2x USB 3.2 Gen 1, 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)	Accessories	For compatible accessories, please go to http://smartfind.lenovo.com																																																																																																												
Front ports* (Opt.)	Optional: 7-in-1 media reader																																																																																																														
Rear ports* (Std.)	2x USB 2.0, 2x USB 3.2 Gen 1, 1x serial (9-pin), 1x ethernet (RJ-45), 1x DisplayPort**, 1x VGA**, 1x line-out (3.5mm)																																																																																																														
Rear ports* (Opt.)	Optional: 2x USB 2.0, 1x 2nd serial (9-pin), 1x parallel (25-pin), 2x PS/2 ports (USB dongle), 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 ** Only available for the models with integrated graphics																																																																																																														
Audio support	High Definition (HD) Audio, Realtek ALC623-CG / internal speaker (1 watt)																																																																																																														

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

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