

ThinkCentre M70c 11GL002ACA

Product

ThinkCentre M70c

Region

NA

Country/Region

Canada

Machine Type

11GL

TopSeller

TopSeller

Processor

Intel Core i5-10400 (6C / 12T, 2.9 / 4.3GHz, 12MB)

Chipset

Intel B460 Chipset

Graphics

Integrated Intel UHD Graphics 630

Memory

1x 8GB UDIMM DDR4-2666

Storage

1x 1TB HDD 7200rpm 3.5"

Optane Memory

None

Optional Bay

None

Front Access HDD

None

Optical

DVD±RW

Speakers

1Wx1

Card Reader

None

Ethernet

Integrated 100/1000M

WLAN + Bluetooth

None

Optional Rear Ports

None

Chassis Intrusion Switch

None

Chassis E-Lock

None

Kensington Cable Lock

None

Smart Cable Clip

None

Dust Filter

None

Carry Handle

None

Case Color

Black

Stand

Stand

Keyboard

USB Traditional Keyboard, Black, French

Mouse

USB Calliope Mouse, Black

Power Supply

260W 85%

Additional Certificates

None

Monitor Cable

None

System Management

None

Operating System

Windows 10 Pro 64, French

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

EAN / UPC / JAN

195235912157

End of Support

2027-03-28

Announce Date

2020-08-25

Recommended Services**Best**

4Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection) (5PS0N73191)

Better

4Y Lenovo Support (Premier Support + Keep Your Drive) (5PS0N73243)

Good

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26647)

Notes:**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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ThinkCentre M70c Platform Specifications

Product Specifications Reference (PSREF)



Processor	<p>Intel® Celeron®, Intel Pentium®, or 10th Gen Intel Core™ i3 / i5 / i7 / i9 Processor</p> <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> <p>* Max frequency may refer to Intel Turbo Boost Technology 2.0 / Intel Turbo Boost Max Technology 3.0 / Intel Thermal Velocity Boost, and adopt the max one of them</p>	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	<p>WLAN <i>Some:</i> 11ac wireless, M.2 Card, Realtek RTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Wireless-AC 9260 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2</p> <p>Bluetooth Ethernet Ethernet (Opt.) <i>Some:</i> Bluetooth 5.0 wireless, integrated in Wi-Fi + BT combo adapter <i>Some:</i> Gigabit ethernet, Realtek RTL8111HN, Wake on LAN® <i>Some:</i> Bitland BN8E88, gigabit ethernet, 1x RJ-45, PCIe x1</p> <p>Manageability Security chip None Discrete TPM 2.0, TCG Certified</p> <p>Security features • 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</p> <p>Keyboard <i>Some:</i> Lenovo Calliope Keyboard (USB connector), black <i>Some:</i> Lenovo Traditional Keyboard (USB connector), black</p> <p>Mouse <i>Some:</i> Lenovo Calliope Mouse (USB connector), black <i>Some:</i> Lenovo Fingerprint Mouse (USB connector), Windows Hello support, black</p> <p>Mechanical • 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. 9.92 lb (4.5 kg), weight may vary by configuration</p> <p>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)</p> <p>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</p> <p>Floor Stand EOU design M.2 card slots: two (one for WLAN, one for SSD/Optane) Optional system floor stand for vertical orientation None</p> <p>Power supply <i>Some:</i> 180 watts, autosensing, 85% PSU <i>Some:</i> 260 watts, autosensing, 85% PSU</p> <p>Limited warranty 1-year or 3-year, limited onsite service / service upgrades available</p> <p>Preload <i>Some:</i> Windows® 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit <i>Some:</i> Windows 10 IoT Enterprise (only available via special bid model) <i>Some:</i> Linux (Ubuntu)</p> <p>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</p> <p>Accessories For compatible accessories, please go to http://smartfind.lenovo.com</p>
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Memory	32GB max, DDR4-2666 / DDR4-2933*, two 288-pin DIMM sockets, dual-channel capable * Memory module is DDR4-2933, but clocks down for the limitation of processors																																																																																																													
Storage	Support up to 1x HDD (2.5"/3.5") and 1x M.2 SSD <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5" or 3.5", 7200 rpm <i>Some:</i> M.2 SSD (2242 / 2280) / PCIe NVMe, PCIe 3.0 x2 or PCIe 3.0 x4 <i>Some:</i> Intel Optane™ Memory M10, M.2 2280, PCIe 3.0 x2																																																																																																													
Optical	<i>Some:</i> DVD-ROM, SATA 1.5Gb/s Drive, slim (9.0mm) <i>Some:</i> DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)																																																																																																													
Onboard SATA Media reader	Two onboard SATA 6.0Gb/s connectors Optional 7-in-1 media reader																																																																																																													
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 <i>Max resolution:</i> 4096x2304 (DP)@60Hz; 2048x1536 (VGA)@50Hz <i>Some:</i> AMD Radeon™ 520 , DirectX 12, 2GB GDDR5, PCIe 3.0 x8 adapter, one VGA, one HDMI, 30 watts (Max); <i>Max resolution:</i> 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@85Hz																																																																																																													
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 B460 Chipset																																																																																																													
Front ports* (Std.)	2x USB 3.2 Gen 1, 1x microphone (3.5mm), 1x headphone / microphone combo jack (3.5mm)																																																																																																													
Front ports* (Opt.)	<i>Optional:</i> 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.)	<i>Optional:</i> 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.

Lenovo, August 2020

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