

ThinkCentre M70c 11GJ0028US

Product

ThinkCentre M70c

Region

NA

Country/Region

USA

Machine Type

11GJ

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 256GB SSD M.2 2242 PCIe 3.0x4 NVMe

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, English

Mouse

USB Calliope Mouse, Black

Power Supply

260W 85%

Additional Certificates

ENERGY STAR 8.0, EPEAT Silver

Monitor Cable

None

System Management

None

Operating System

Windows 10 Pro 64, English

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

EAN / UPC / JAN

195235917336

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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<https://psref.lenovo.com>

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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 Some: 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. 9.92 lb (4.5 kg), weight may vary by configuration 																																																																																																												
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	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 M.2 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.

Lenovo, August 2020

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