



# Lenovo ThinkCentre M710q DDR4-SDRAM i7-6700T SFF 6th gen Intel® Core™ i7 8 GB 512 GB SSD Windows 10 Pro Mini PC Black

**Brand :** Lenovo

**Product family:** ThinkCentre

**Product code:** 10MR004KUS

**Product name :** M710q

Intel Core i7-6700T 2.8GHz, Integrated Intel HD Graphics 530, 8GB DDR4, 512GB SSD M.2 PCIe NVMe Opal, 802.11ac, Bluetooth 4.1, 1x 1W, Floor Stand, Windows 10 (Downgrade Windows 7 Professional 64-bit)

Lenovo ThinkCentre M710q. Processor frequency: 2.8 GHz, Processor family: 6th gen Intel® Core™ i7, Processor: i7-6700T. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics adapter model: Intel® HD Graphics 530. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 65 W. Form factor: SFF. Product type: Mini PC. Product colour: Black



Processor		Design	
Processor manufacturer *	Intel	Form factor *	SFF
Processor *	i7-6700T	Placement supported	Horizontal/Vertical
Processor family *	6th gen Intel® Core™ i7	Product colour *	Black
Processor number of cores	4	<b>Performance</b>	
Processor frequency *	2.8 GHz	Chipset	Intel® B250
Processor boost frequency	3.6 GHz	Product type *	Mini PC
Processor socket	LGA 1151 (Socket H4)	<b>Software</b>	
Processor cache	8 MB	Operating system installed *	Windows 10 Pro
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor threads	8	<b>Processor special features</b>	
System bus data transfer rate	8 GT/s	Intel® Small Business Advantage (Intel® SBA)	✓
Bus type	DMI3	Intel Wireless Display (WiDi) Technology	✓
Processor lithography	14 nm	Intel 64	✓
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Core i7-6700 Desktop series	Embedded options available	✗
Processor codename	Skylake	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	35 W	Intel® Insider™	✓
Tcase	66 °C	Intel Clear Video HD Technology	✓
PCI Express slots version	3.0	Intel Clear Video Technology	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x16,2x8,1x8+2x4	Intel TSX-NI	✓
Stepping	R0	Idle States	✓
Maximum internal memory supported by processor	64 GB	Thermal Monitoring Technologies	✓
Memory types supported by processor	DDR3L-SDRAM,DDR4-SDRAM	Intel Stable Image Platform Program (SIPP)	✓
Memory clock speeds supported by processor	2133,1333,1600,1866 MHz	Intel AES New Instructions	✓
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel® Secure Key	✓
ECC supported by processor	✗	Intel® OS Guard	✓
Memory voltage supported by processor	1.35 V	Intel Trusted Execution Technology	✓
<b>Memory</b>		Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	Intel Enhanced Halt State	✓
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Memory, maximum *	32 GB	Intel Clear Video Technology for MID	✓
Memory slots	2x DIMM		

<b>Memory</b>		<b>Processor special features</b>	
Memory clock speed	2400 MHz	Processor package size	37.5 x 37.5 mm
Non-ECC	✓	Supported instruction sets	SSE4.2,AVX 2.0,SSE4.1
Memory channels	Dual-channel	Processor code	SR2BU
<b>Storage</b>		Scalability	1S
Card reader integrated	✓	CPU configuration (max)	1
Total storage capacity *	512 GB	Graphics & IMC lithography	14 nm
Storage media *	SSD	Thermal solution specification	PCG 2015A
Optical drive *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
<b>Graphics</b>		Intel Identity Protection Technology version	1.00
Discrete graphics adapter *	✗	Intel Stable Image Platform Program (SIPP) version	1.00
Discrete graphics adapter model *	Not available	Intel Secure Key Technology version	1.00
On-board graphics adapter *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics adapter model *	Intel® HD Graphics 530	Intel Small Business Advantage (SBA) version	1.00
On-board graphics adapter base frequency	350 MHz	Intel TSX-NI version	1.00
On-board graphics adapter dynamic frequency (max)	1100 MHz	Processor ARK ID	88200
Maximum on-board graphics adapter memory	1.74 GB	Intel Turbo Boost Technology	2.0
Number of displays supported (on-board graphics)	3	Intel Hyper-Threading Technology	✓
On-board graphics adapter DirectX version	12.0	Intel® Quick Sync Video Technology	✓
On-board graphics adapter OpenGL version	4.4	Intel Identity Protection Technology	✓
On-board graphics adapter ID	1912	Conflict-Free processor	✓
<b>Network</b>		<b>Power</b>	
Ethernet LAN connection *	✓	Power supply *	65 W
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Weight &amp; dimensions</b>	
Cabling technology	10/100/1000Base-T(X)	Width *	179 mm
Wi-Fi *	✗	Depth *	182.9 mm
<b>Ports &amp; interfaces</b>		Height *	34.5 mm
USB 2.0 ports quantity *	2	Weight *	1.32 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	<b>Packaging content</b>	
VGA (D-Sub) ports quantity	1	Display included *	✗
DVI port	✗	Mouse included	✓
DisplayPorts quantity	2	Keyboard included	✓
PS/2 ports quantity	2	<b>Other features</b>	
Ethernet LAN (RJ-45) ports	1	Intel segment tagging	Enterprise, Professional
Microphone in	✓		
Headphone outputs	1		
Line-out	✓		
Line-in	✓		
Parallel ports quantity	1		

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