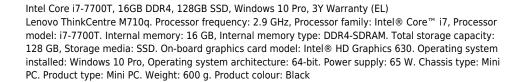
Lenovo ThinkCentre M710q Intel® Core™ i7 i7-7700T 16 GB DDR4-SDRAM 128 GB SSD Windows 10 Pro Mini PC Black

Brand : Lenovo Product code: 10MRS0U100

Product name: ThinkCentre M710q







Processor		Design	
Processor manufacturer *	Intel	Chassis type *	Mini PC
Processor family *	Intel® Core™ i7	Volume	1 L
Processor generation	7th gen Intel® Core™ i7	Placement supported	Horizontal/Vertical
Processor model *	i7-7700T	Product colour *	Black
Processor cores	4	Performance	
Processor threads	8	Product type *	Mini PC
Processor boost frequency	3.8 GHz	71	1-1111111111111111111111111111111111111
Processor frequency *	2.9 GHz	Software	
Processor socket	LGA 1151 (Socket H4)	Operating system architecture	64-bit
Processor cache	8 MB	Operating system installed *	Windows 10 Pro
Processor cache type	Smart Cache	Processor special features	
System bus rate	8 GT/s	Intel 64	/
Bus type	DMI3	Enhanced Intel SpeedStep	
Processor lithography	14 nm	Technology	✓
Processor operating modes	64-bit	Embedded options available	✓
Processor series	Intel Core i7-7700 Desktop series	Intel® InTru™ 3D Technology	/
Processor codename	Kaby Lake	Intel® Clear Video HD Technology	
Thermal Design Power (TDP)	35 W 25 W	(Intel® CVT HD)	✓
Configurable TDP-down	25 W 1.9 GHz	Intel Clear Video Technology	✓
Configurable TDP-down frequency Tjunction	1.9 GHZ 80 °C	Intel VT-x with Extended Page	1
PCI Express slots version	3.0	Tables (EPT)	
Maximum number of PCI Express	3.0	Intel TSX-NI	✓
lanes	16	Idle States	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Thermal Monitoring Technologies	✓
Number of processors installed	1	Intel Stable Image Platform Program	/
Stepping	В0	(SIPP)	
Maximum internal memory supported by processor	64 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory types supported by	DDR3L-SDRAM, DDR4-SDRAM	Intel® Secure Key	✓
processor	DENSE SENAN, DENT SENAN	Intel® OS Guard	✓
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz	Intel Trusted Execution Technology	✓
ECC supported by processor	×	Execute Disable Bit	✓
Memory voltage supported by	1.35 V	Intel Enhanced Halt State	✓
processor	T.33 V	Intel Software Guard Extensions (Intel SGX)	✓
Memory		Intel® Clear Video Technology for	
Internal memory *	16 GB	Mobile Internet Devices (Intel CVT for MID)	✓

Memory		Processor special features	
Maximum internal memory * Internal memory type Memory channels	32 GB DDR4-SDRAM Dual-channel	Processor package size Supported instruction sets Processor code	37.5 x 37.5 mm AVX 2.0, SSE4.1, SSE4.2 SR339
Storage		Scalability	15
Total storage capacity *	128 GB	CPU configuration (max)	1
Storage media *	SSD	Thermal solution specification Intel Virtualization Technology for	PCG 2015A
Optical drive type *	X	Directed I/O (VT-d)	✓
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model * On-board graphics card model *	Not available Intel® HD Graphics 630	Intel Stable Image Platform Program (SIPP) version	1.00
On-board graphics card base	350 MHz	Intel Secure Key Technology version	1.00
frequency On-board graphics card dynamic	1150 MHz	Intel Virtualization Technology (VT-x)	✓
frequency (max)		Intel TSX-NI version	1.00
Maximum on-board graphics card memory	64 GB	Processor ARK ID	97122
Number of displays supported (on- board graphics)	3	Intel® Turbo Boost Technology Intel® Hyper Threading Technology	2.0
On-board graphics card DirectX	12.0	(Intel® HT Technology)	•
version	12.0	Intel® Quick Sync Video Technology	· •
On-board graphics card OpenGL version	4.4	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card ID	5912	Conflict-Free processor	✓
Network		Power	
Ethernet LAN *	✓	Power supply *	65 W
Wi-Fi *	✓	Weight & dimensions	
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Width *	34.5 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Depth *	182.9 mm
Bluetooth	✓	Height *	179 mm
Ports & interfaces		Weight *	600 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Display	
DVI port	×	Display included *	X
DisplayPorts quantity	2		
Ethernet LAN (RJ-45) ports	1		
Combo headphone/mic port	✓		

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