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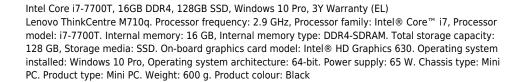
Brand : Lenovo

Product name : ThinkCentre M710q

Product code: 10MRS0U100

Intel Core i7-7700T, 16GB DDR4, 128GB SSD, Windows 10 Pro, 3Y Warranty (EL)
Lenovo ThinkCentre M710q. Processor frequency: 2.9 GHz, Processor family: Intel® Core™ i7, Processor model: i7-7700T. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 128 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 65 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 600 g. Product colour: Black

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	7th gen Intel® Core™ i7
Processor model *	i7-7700T
Processor cores	4
Processor threads	8
Processor boost frequency	3.8 GHz
Processor frequency *	2.9 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	8 MB
Processor cache type	Smart Cache
System bus rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-7700 Desktop series
Processor codename	Kaby Lake
Thermal Design Power (TDP)	35 W
Configurable TDP-down	25 W
Configurable TDP-down frequency	1.9 GHz
Tjunction	80 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 1x8+2x4, 2x8
Number of processors installed	1
Stepping	B0
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz
ECC supported by processor	✗
Memory voltage supported by processor	1.35 V

Memory

Internal memory *	16 GB

Design

Chassis type *	Mini PC
Volume	1 L
Placement supported	Horizontal/Vertical
Product colour *	Black

Performance

Product type *	Mini PC

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Pro

Processor special features

Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✔
Intel® InTru™ 3D Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
Intel Enhanced Halt State	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔

Memory

Maximum internal memory *	32 GB
Internal memory type	DDR4-SDRAM
Memory channels	Dual-channel

Storage

Total storage capacity *	128 GB
Storage media *	SSD
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card model *	Intel® HD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1150 MHz
Maximum on-board graphics card memory	64 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	5912

Network

Ethernet LAN *	✔
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
DVI port	✘
DisplayPorts quantity	2
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔

Processor special features

Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR339
Scalability	1S
CPU configuration (max)	1
Thermal solution specification	PCG 2015A
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel TSX-NI version	1.00
Processor ARK ID	97122
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Quick Sync Video Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Conflict-Free processor	✔

Power

Power supply *	65 W

Weight & dimensions

Width *	34.5 mm
Depth *	182.9 mm
Height *	179 mm
Weight *	600 g

Display

Display included *	✘

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