



MSI Gaming GT70 2OC-682CZ **Intel® Core™ i7 i7-4700MQ** **43,9 cm (17.3") Full HD 12 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 770M Windows 8**



Brand : MSI

Product family: Gaming

Product code: GT70
2OC-682CZ

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General		Connectivity	
Processor *	Processor	Number of USB 3.0 ports	1
Processor type *	Processor	DVI	✗
Processor speed *	Processor	VGA (D-Sub)	1
Processor cache	Processor	DisplayPort	1
Display		S/PDIF	✗
Screen size *	43,9 cm (17.3")	Bluetooth	✓
Resolution	1920 x 1080	Wi-Fi	✗
Refresh rate *	✗	Bluetooth	✗
HD	Full HD	Bluetooth	✗
LED	✓	PCMCIA	✗
Aspect ratio	16:9	Thunderbolt	✗
Performance		Storage	
Processor	Intel	Processor	Intel® HM87
Processor type *	Intel® Core™ i7	Memory	
Processor generation	4th gen Intel® Core™ i7	Memory	Memory
Processor model *	i7-4700MQ	Memory type *	✓
Processor cores	4	Memory speed	✓
Processor threads	8	Memory capacity	102
Processor frequency	3,4 GHz	Keyboard	QWERTY
Processor turbo frequency *	2,4 GHz	Security	
Processor cache	6 MB	BitLocker	64-bit
Processor cache type	Smart Cache	BitLocker	64-bit
Processor cache size	PGA946	BitLocker	Windows 8
Processor technology	22 nm	BitLocker	✗
Processor architecture	64-bit	Wireless	
Processor series	Intel Core i7-4700 Mobile series	Intel® Wireless LAN (Intel® WiDi)	✓
Processor architecture	Haswell	Intel® Wi-Fi (Intel® MWT)	✓
DMI2	DMI2	Intel® Wireless LAN (Intel® AT)	✓
FSB	✗		
Cache	C0		
Power (TDP)	47 W		

System Specifications		System Specifications	
Processor	100 °C	Intel® Processor Thermal Velocity Monitor (Intel® IPT)	✓
PCI Express Configuration	16	Intel® Processor Thermal Velocity Monitor (Intel® HT Thermal Velocity Monitor)	✓
PCI Express Configuration	3.0	Intel® Processor Thermal Velocity Monitor (Intel® HT Thermal Velocity Monitor)	2.0
PCI Express Configuration	1x16, 2x8, 1x8+2x4	Intel® Processor Thermal Velocity Monitor (Intel® HT Thermal Velocity Monitor)	✓
Memory Configuration	ECC ✗	Intel® Processor Thermal Velocity Monitor (Intel® CVT HD)	✓
Memory Configuration		Intel® Processor Thermal Velocity Monitor (Intel® CVT HD)	✗
Memory Configuration *	12 GB	Intel® InTru™ 3D	✓
Memory Configuration	DDR3-SDRAM	Intel® InTru™ 3D	✓
Memory Configuration	1600 MHz	Intel® InTru™ 3D	✓
Memory Configuration	SO-DIMM	Intel® InTru™ 3D	✓
Memory Configuration	4x SO-DIMM	Intel® InTru™ 3D	✓
Memory Configuration *	32 GB	Intel® InTru™ 3D	✗
Storage Configuration		Intel® InTru™ 3D	✓
Storage Configuration *	1 TB	Intel® AES-NI	✓
Storage Configuration *	HDD	Intel® AES-NI	✓
Storage Configuration HDD-Configuration	1	Intel® AES-NI	✗
HDD Configuration	1 TB	Intel® AES-NI	✓
HDD Configuration	SATA II	Intel® AES-NI	✓
HDD Configuration	7200 RPM	Intel® AES-NI	✓
Storage Configuration *	Intel® AES-NI	Intel® AES-NI	✗
Storage Configuration	✓	Intel® AES-NI	✓
Storage Configuration	SD, SDHC, SDXC	Intel® AES-NI	✓
Graphics Configuration		Intel® AES-NI	✗
Graphics Configuration	NVIDIA® GeForce® GTX 770M	Intel® AES-NI	✗
Graphics Configuration *	3 GB	Intel® AES-NI	✗
Graphics Configuration	GDDR5	Intel® AES-NI	✓
Graphics Configuration *	✓	Intel® AES-NI	✓
Graphics Configuration *	✓	Intel® AES-NI	✓
Graphics Configuration *	Intel® HD Graphics	Intel® AES-NI	✓
Graphics Configuration *	Intel® HD Graphics 4600	Intel® AES-NI	✓
Graphics Configuration	400 MHz	Intel® AES-NI	✓
Graphics Configuration	1150 MHz	Intel® AES-NI	✓
Graphics Configuration	1,74 GB	Intel® AES-NI	✓
Graphics Configuration	11.1	Intel® AES-NI	✓
Graphics Configuration	0x416	Intel® AES-NI	✓
Audio Configuration		Intel® AES-NI	✓
Audio Configuration	Sound Blaster Cinema	Intel® AES-NI	✓
Audio Configuration	2	Intel® AES-NI	✓
Audio Configuration	2 W	Intel® AES-NI	✓
Audio Configuration	✓	Intel® AES-NI	✓
Audio Configuration	✓	Intel® AES-NI	✓
Display Configuration		Intel® AES-NI	✓
Display Configuration	1280 x 720	Intel® AES-NI	✓
Display Configuration	30 fps	Intel® AES-NI	✓
Display Configuration		Intel® AES-NI	✓
Wi-Fi	✓	Intel® AES-NI	✓

無線LAN・有線LAN			電源		
Wi-Fi 対応規格	802.11b, 802.11g, Wi-Fi 4 (802.11n)		電源消費電力 (最大)	9	
有線LAN	✓		電源		
有線LAN 対応規格	10,100,1000 Mbit/s		AC 電源消費電力	180 W	
有線LAN	✓		DC-イン 対応	✓	
有線LAN 対応規格	4.0		外形寸法		
有線LAN 対応規格	10/100/1000Base-T(X)		前面パネル 幅 (最大)	✗	
4G WiMAX	✗		前面パネル 高さ (最大)		
USB・有線LAN・HDMI			前面パネル 奥行き (最大)		
USB 2.0 対応規格	2	*	前面パネル 幅 (最大)	428 mm	
USB 3.2 Gen 1 (3.1 Gen 1) 対応規格	3		前面パネル 高さ (最大)	288 mm	
有線LAN (RJ-45) 対応規格	1	*	前面パネル 幅 (最大)	55 mm	
HDMI 対応規格	1	*	前面パネル 高さ (最大)	3,9 kg	
			前面パネル 奥行き (最大)		
			AC 電源消費電力	✓	
			前面パネル 奥行き (最大)	✗	
			前面パネル 高さ (最大)		
			前面パネル 幅 (最大)	✗	
			3D	✗	

Catalog Object Cloud



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