



**MSI Gaming GT70 2OC-682CZ laptop 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 Zwart**



Merk : MSI

Productfamilie: Gaming

Artikelcode: GT70 2OC-682CZ

Productnaam : GT70
2OC-682CZ

Intel Core i7-4700MQ (6M Cache, 2.40 GHz), 17.3" Full HD (1920x1080) LED, 12GB DDR3, 1000GB SATAII HDD (7200), DVD Super Multi, Intel HD Graphics 4600 + Nvidia GeForce GTX 770M 3GB GDDR5, Gigabit Ethernet, WLAN 802.11 b/g/n, Bluetooth 4.0, HD Webcam, Windows 8 64-bit

MSI Gaming GT70 2OC-682CZ. Producttype: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i7, Processormodel: i7-4700MQ, Frequentie van processor: 2,4 GHz. Beeldscherm diagonaal: 43,9 cm (17.3"), HD type: Full HD, Resolutie: 1920 x 1080 Pixels. Intern geheugen: 12 GB, Intern geheugentype: DDR3-SDRAM. Totale opslagcapaciteit: 1 TB, Opslagmedia: HDD, Soort optische drive: DVD Super Multi. Inclusief besturingssysteem: Windows 8. Kleur van het product: Zwart

Design		Poorten & interfaces	
Producttype *	Laptop	Aantal Ethernet LAN (RJ-45)-poorten	1
Kleur van het product *	Zwart	Aantal HDMI-poorten *	1
Vormfactor *	Clamshell	Mini DisplayPort kwantiteit	1
Markt positionering	Gamen	DVI-poort	×
Beeldscherm		VGA (D-Sub)poort(en)	1
Beeldscherm diagonaal *	43,9 cm (17.3")	Hoofdtelefoonuitgangen	1
Resolutie *	1920 x 1080 Pixels	S/PDIF-uitgang	×
Touchscreen *	×	Microfoon, line-in ingang	✓
HD type	Full HD	Basisstationaansluiting	×
LED backlight	✓	ExpressCard slot	×
Oorspronkelijke beeldverhouding	16:9	Type CardBus PCMCIA-slot	×
Processor		SmartCard-slot	×
Processorfabrikant *	Intel	Prestatie	
Processorfamilie *	Intel® Core™ i7	Chipset moederbord	Intel® HM87
Processorgeneratie	Vierde generatie Intel® Core™ i7	Toetsenbord	
Processormodel *	i7-4700MQ	Aanwijsapparaat	Touchpad
Aantal processorkernen	4	Numeriek toetsenblok *	✓
Processor aantal threads	8	Keyboard met achtergrondverlichting	✓
Maximale turbofrequentie van processor	3,4 GHz	Aantal toetsen, toetsenbord	102
Frequentie van processor *	2,4 GHz	Toetsenbordindeling	QWERTY
Processor cache	6 MB	Software	
Type processorgeheugen	Smart Cache	Architectuur besturingssysteem	64-bit
Processor socket	PGA946	Inclusief besturingssysteem *	Windows 8
Processor lithografie	22 nm	Processor speciale functies	
Processor operating modes	64-bit	Intel Wireless Display Technology	✓
Processorserie	Intel Core i7-4700 Mobile series	Intel My WiFi Technology	✓
Codenaam processor	Haswell	Intel Anti-Theft Technology	✓
Bus type	DMI2	Intel Identity Protection Technology	✓
FSB Parity	×	Intel Hyper-Threading Technology	✓
Stepping	C0		
Thermal Design Power (TDP)	47 W		

Processor		Processor speciale functies	
Tjunction	100 °C	Intel® Turbo Boost Technology	2.0
Maximaal aantal PCI Express-lijnen	16	Enhanced Intel SpeedStep Technology	✓
PCI Express slots versie	3.0	Intel Clear Video HD Technology	✓
PCI Express configuraties	1x16, 2x8, 1x8+2x4	Intel® Clear Video-technologie	✗
ECC ondersteund door processor	✗	Intel® InTru™ 3D Technology	✓
Geheugen		Intel® Insider™	✓
Intern geheugen *	12 GB	Intel® Quick Sync Video Technology	✓
Intern geheugentype	DDR3-SDRAM	Intel Flex Memory Access	✗
Kloksnelheid geheugen	1600 MHz	Intel® Smart Cache	✓
Geheugen form factor	SO-DIMM	Intel AES New Instructions	✓
Geheugenslots	4x SO-DIMM	Intel Trusted Execution Technology	✗
Maximum intern geheugen *	32 GB	Intel Enhanced Halt State	✓
Opslagmedia		Intel VT-x with Extended Page Tables (EPT)	✓
Totale opslagcapaciteit *	1 TB	Intel Demand Based Switching	✗
Opslagmedia *	HDD	Intel Secure Key	✓
Het aantal geïnstalleerde harde schijven	1	Intel TSX-NI	✗
Opslagcapaciteit harde schijf	1 TB	Intel Clear Video Technology for MID	✗
Harde schijf-interface	SATA II	Intel® 64	✓
Rotatiesnelheid harde schijf	7200 RPM	Execute Disable Bit	✓
Soort optische drive *	DVD Super Multi	Idle States	✓
Geïntegreerde geheugenkaartlezer	✓	Thermal Monitoring Technologies	✓
Compatibele geheugenkaarten	SD, SDHC, SDXC	Verpakkingsgrootte processor	37.5 x 32 x 1.6 mm
Grafisch		Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2
Discreet grafische adapter model *	NVIDIA® GeForce® GTX 770M	Processorcode	SR15H
Discreet grafische adaptergeheugen	3 GB	CPU configuratie (max)	1
Specifiek grafisch geheugentype	GDDR5	Ingebouwde opties beschikbaar	✗
Ingebouwde grafische adapter *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Aparte grafische adapter *	✓	Versie Intel® Identity Protection Technology	1,00
Familie ingebouwde grafische adapter	Intel® HD Graphics	Versie Intel® Secure Key Technology	1,00
On-board graphics adapter model *	Intel® HD Graphics 4600	Versie Intel® TSX-NI	0,00
Basisfrequentie ingebouwde grafische adapter	400 MHz	Intel® Virtualization Technology (VT-x)	✓
Graphics on-board -adapter dynamische frequentie (max)	1150 MHz	Intel Dual Display Capable Technology	✗
Maximaal geheugen ingebouwde grafische adapter	1,74 GB	Intel FDI Technology	✓
On-board grafische adapter DirectX-versie	11.1	Intel Rapid Storage Technology	✗
On-board grafische adapter ID	0x416	Intel Fast Memory Access	✗
Audio		ARK ID processor	75117
Audiosysteem	Sound Blaster Cinema	Conflictvrije processor	✓
Aantal ingebouwde luidsprekers	2	Accu/Batterij	
Vermogen luidsprekers	2 W	Energie-opslagtechnologie accu/batterij	Lithium-Ion (Li-Ion)
Ingebouwde subwoofer	✓	Aantal cellen in de batterij	9
Ingebouwde microfoon	✓	Energie	
Camera		AC-adapter, vermogen	180 W
Camera voorzijde	✓	Aansluiting voor netstroomadapter	✓
Resolutie camera voorzijde	1280 x 720 Pixels	Beveiliging	
Video capturing speed	30 fps	Bevestigingsmogelijkheid voor kabelslot	✗
Netwerk		Gewicht en omvang	
Wi-Fi	✓	Breedte	428 mm
Wi-Fi-standaarden	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Diepte	288 mm
Ethernet LAN	✓		
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s		
Bluetooth	✓		

Netwerk		Gewicht en omvang	
Bluetooth-versie	4.0	Hoogte	55 mm
Bekabelingstechnologie	10/100/1000Base-T(X)	Gewicht *	3,9 kg
4G WiMAX	✗	Inhoud van de verpakking	
Poorten & interfaces		Inclusief AC-adapter *	✓
		Overige specificaties	
Aantal USB 2.0-poorten *	2	LightScribe	✗
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	3	3D-compatibiliteit	✗

Catalog Object Cloud



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