



MSI Gaming GL62M 7REX-1269NL LEOPARD PRO Intel® Core™ i7 i7-7700HQ Laptop 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 1050 Ti Wi-Fi 5 (802.11ac) Windows 10 Zwart



Merk : MSI

Productfamilie: Gaming

Artikelcode: GL62M
7REX-1269NL

Productnaam : GL62M
7REX-1269NL LEOPARD PRO

MSI Gaming GL62M 7REX-1269NL LEOPARD PRO. Producttype: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i7, Processormodel: i7-7700HQ, Frequentie van processor: 2,8 GHz. Beeldscherm diagonaal: 39,6 cm (15.6"), HD type: Full HD, Resolutie: 1920 x 1080 Pixels. Intern geheugen: 8 GB, Intern geheugentype: DDR4-SDRAM. Totale opslagcapaciteit: 1,13 TB, Opslagmedia: HDD+SSD. On-board graphics adapter model: Intel® HD Graphics 630. Inclusief besturingssysteem: Windows 10. Kleur van het product: Zwart

Design		Netwerk	
Producttype *	Laptop	Bluetooth-versie	4.2
Kleur van het product *	Zwart	Poorten & interfaces	
Vormfactor *	Clamshell	Aantal USB 2.0-poorten *	1
Markt positionering	Gamen	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	2
Beeldscherm		Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type C *	1
Beeldscherm diagonaal *	39,6 cm (15.6")	Aantal Ethernet LAN (RJ-45)-poorten	1
Resolutie *	1920 x 1080 Pixels	Aantal HDMI-poorten *	1
Touchscreen *	✗	Mini DisplayPort kwantiteit	1
HD type	Full HD	DVI-poort	✗
LED backlight	✓	Hoofdtelefoonuitgangen	1
Oorspronkelijke beeldverhouding	16:9	Microfoon, line-in ingang	✓
Beeldoppervlakte	Mat	Basisstationaansluiting	✗
Processor		Prestatie	
Processorfabrikant *	Intel	Chipset moederbord	Intel® HM175
Processorfamilie *	Intel® Core™ i7	Toetsenbord	
Processorgeneratie	Zevende generatie Intel® Core™ i7	Aanwijsapparaat	Touchpad
Processormodel *	i7-7700HQ	Numeriek toetsenblok *	✓
Aantal processorkernen	4	Keyboard met achtergrondverlichting	✓
Processor aantal threads	8	Full-size toetsenbord	✓
Maximale turbofrequentie van processor	3,8 GHz	Windows-toetsen	✓
Frequentie van processor *	2,8 GHz	Software	
Systeembus	8 GT/s	Inclusief besturingssysteem *	Windows 10
Processor cache	6 MB	Processor speciale functies	
Type processorgeheugen	Smart Cache	Intel Wireless Display Technology	✓
Processor socket	BGA 1440	Intel My WiFi Technology	✓
Processor lithografie	14 nm	Intel® Smart Response Technology	✓
Processor operating modes	64-bit	Intel Identity Protection Technology	✓
Processorserie	Intel Core i7-7700 Mobile Series	Intel Hyper-Threading Technology	✓
Codenaam processor	Kaby Lake		
Bus type	DMI3		
Thermal Design Power (TDP)	45 W		
Configureerbare TDP-down	35 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, 1x8, 2x4, 2x8	Intel® Clear Video-technologie	✓
ECC ondersteund door processor	✗	Intel® InTru™ 3D Technology	✓
Geheugen		Intel® Quick Sync Video Technology	✓
Intern geheugen *	8 GB	Intel Flex Memory Access	✓
Intern geheugentype	DDR4-SDRAM	Intel® Smart Cache	✓
Kloksnelheid geheugen	2400 MHz	Intel AES New Instructions	✓
Geheugen form factor	SO-DIMM	Intel Trusted Execution Technology	✗
Geheugenslots	2x SO-DIMM	Intel Enhanced Halt State	✓
Maximum intern geheugen *	32 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Opslagmedia		Intel Secure Key	✓
Totale opslagcapaciteit *	1,13 TB	Intel TSX-NI	✗
Opslagmedia *	HDD+SSD	Intel Stable Image Platform Program (SIPP)	✗
Het aantal geïnstalleerde harde schijven	1	OS Guard	✓
Opslagcapaciteit harde schijf	1 TB	Intel® Software Guard Extensions (Intel® SGX)	✓
Rotatiesnelheid harde schijf	5400 RPM	Intel Clear Video Technology for MID	✓
Harde schijf, omvang	2.5"	Intel® 64	✓
Aantal geïnstalleerde SSD's	1	Execute Disable Bit	✓
Solid State Drive (SSD) capaciteit	128 GB	Idle States	✓
Solid State Drive (SSD) interfaces	M.2	Thermal Monitoring Technologies	✓
Soort optische drive *	✗	Verpakkingsgrootte processor	42 x 28 mm
Geïntegreerde geheugenkaartlezer	✓	Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2
Compatibele geheugenkaarten	SD, SDHC, SDXC	CPU configuratie (max)	1
Grafisch		Ingebouwde opties beschikbaar	✗
Discreet grafische adapter model *	NVIDIA® GeForce® GTX 1050 Ti	Graphics & IMC lithografie	14 nm
Discreet grafische adaptergeheugen	2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Specifiek grafisch geheugentype	GDDR5	Versie Intel® Identity Protection Technology	1,00
Ingebouwde grafische adapter *	✓	Versie Intel® Smart Response Technology	1,00
Aparte grafische adapter *	✓	Versie Intel® Stable Image Platform Program (SIPP)	0,00
Familie ingebouwde grafische adapter	Intel® HD Graphics	Versie Intel® Secure Key Technology	1,00
On-board graphics adapter model *	Intel® HD Graphics 630	Intel Small Business Advantage (SBA)-versie	1,00
Basisfrequentie ingebouwde grafische adapter	350 MHz	Versie Intel® TSX-NI	0,00
Graphics on-board -adapter dynamische frequentie (max)	1100 MHz	Intel® Virtualization Technology (VT-x)	✓
Maximaal geheugen ingebouwde grafische adapter	64 GB	ARK ID processor	97185
On-board grafische adapter DirectX-versie	12.0	Conflictvrije processor	✓
On-board grafische adapter OpenGL versie	4.4	Accu/Batterij	
On-board grafische adapter ID	0x591B	Energie-opslagtechnologie accu/batterij	Lithium-Ion (Li-Ion)
NVIDIA G-SYNC	✓	Aantal cellen in de batterij	6
NVIDIA GameWorks VR	✓	Energie	
CUDA	✓	AC-adapter, vermogen	180 W
Audio		AC-adapterfrequentie	50 - 60 Hz
Aantal ingebouwde luidsprekers	4	Aansluiting voor netstroomadapter	✓
Vermogen luidsprekers	8 W	Gewicht en omvang	
Ingebouwde microfoon	✓	Breedte	383 mm
Camera		Diepte	260 mm
Camera voorzijde	✓		
Resolutie camera voorzijde	1280 x 720 Pixels		
Netwerk			
Wi-Fi	✓		

Netwerk		Gewicht en omvang	
Hoogste Wi-Fi-standaard *	Wi-Fi 5 (802.11ac)	Hoogte (voorzijde)	2,9 cm
Wi-Fi-standaarden	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Hoogte (achterzijde)	3,2 cm
Ethernet LAN	✓	Gewicht *	2,2 kg
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s	Inhoud van de verpakking	
Bluetooth	✓	Inclusief AC-adapter *	✓
		Gebruikershandleiding	✓

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