



MSI Prestige PL62 7RC-209CZ laptop Intel® Core™ i5 i5-7300HQ 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® MX150 Windows 10 Home Black

Brand : MSI

Product family: Prestige

Product code: PL62
7RC-209CZ

Product name : PL62
7RC-209CZ

Intel Core i7-7300HQ (6M Cache, 2.50 GHz), 15.6" Full HD (1920x1080) LED, 8GB DDR4, 1TB SATA HDD, Intel HD Graphics 630 + NVIDIA GeForce MX150 2GB GDDR5, Gigabit Ethernet, WLAN 802.11ac, Bluetooth, HD Webcam, Windows 10 Home 64-bit

MSI Prestige PL62 7RC-209CZ. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-7300HQ, Processor frequency: 2,5 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Home. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product colour *	Black	Mini DisplayPorts quantity	1
Form factor *	Clamshell	DVI port	✗
Display		Headphone outputs	1
Display diagonal *	39,6 cm (15.6")	Microphone in	✓
Display resolution *	1920 x 1080 pixels	Docking connector	✗
Touchscreen *	✗	Keyboard	
HD type	Full HD	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	✓
Native aspect ratio	16:9	Full-size keyboard	✓
Dual-screen	✗	Windows keys	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 10 Home
Processor generation	7th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-7300HQ	Intel® Wireless Display (Intel® WiDi)	✓
Processor cores	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	4	Intel® Smart Response Technology	✓
Processor boost frequency	3,5 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2,5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
System bus rate	8 GT/s	Intel® Turbo Boost Technology	2.0
Processor cache	6 MB	Enhanced Intel SpeedStep Technology	✓
Processor lithography	14 nm	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor operating modes	64-bit	Intel Clear Video Technology	✓
Processor series	Intel Core i5-700 Desktop Series	Intel® InTru™ 3D Technology	✓
Processor codename	Kaby Lake	Intel® Quick Sync Video Technology	✓
Bus type	DMI3		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	3.0	Intel Flex Memory Access	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
Memory		Intel Enhanced Halt State	✓
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR4-SDRAM	Intel® Secure Key	✓
Memory form factor	SO-DIMM	Intel TSX-NI	✗
Memory slots	2x SO-DIMM	Intel Stable Image Platform Program (SIPP)	✗
Maximum internal memory *	32 GB	Intel® OS Guard	✓
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	1 TB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage media *	HDD	Intel 64	✓
Number of hard drives installed	1	Execute Disable Bit	✓
Hard drive capacity	1 TB	Idle States	✓
Optical drive type *	✗	Thermal Monitoring Technologies	✓
Card reader integrated	✓	Processor package size	42 x 28 mm
Compatible memory cards	SD, SDHC, SDXC	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Graphics		CPU configuration (max)	1
Discrete graphics card model *	NVIDIA® GeForce® MX150	Embedded options available	✗
Discrete graphics memory type	GDDR5	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1,00
Discrete graphics card *	✓	Intel Smart Response Technology version	1,00
On-board graphics card model *	Intel® HD Graphics 630	Intel Stable Image Platform Program (SIPP) version	0,00
On-board graphics card base frequency	350 MHz	Intel Secure Key Technology version	1,00
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Small Business Advantage (SBA) version	1,00
Maximum on-board graphics card memory	64 GB	Intel TSX-NI version	0,00
On-board graphics card DirectX version	12.0	Intel Virtualization Technology (VT-x)	✓
On-board graphics card OpenGL version	4.4	Processor ARK ID	97456
On-board graphics card ID	0x591B	Conflict-Free processor	✓
Number of discrete graphics cards installed	1	Battery	
NVIDIA G-SYNC	✓	Battery technology	Lithium-Ion (Li-Ion)
CUDA	✓	Number of battery cells	6
NVIDIA 3D Vision	✓	Battery capacity *	41,4 Wh
Audio		Power	
Number of built-in speakers	4	AC adapter power	120 W
Speaker power	8 W	DC-in jack	✓
Built-in subwoofer	✓	Weight & dimensions	
Built-in microphone	✓	Width	383 mm
Camera		Depth	260 mm
Front camera	✓	Height (front)	2,2 cm
Video capturing speed	720 fps	Height (rear)	2,9 cm
Network		Weight *	2,2 kg
Wi-Fi	✓	Packaging content	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC adapter included *	✓
Ethernet LAN	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	3D	✗
Bluetooth	✓		
Bluetooth version	4.2		
Ports & interfaces			
USB 2.0 ports quantity *	1		

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1



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