

ASUS ROG GL10CS-79D27PB1 Intel® Core™ i7 i7-9700 16 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA® GeForce RTX™ 2070 Windows 10 Home Midi Tower PC Silver

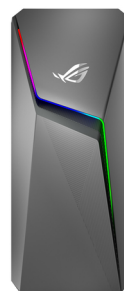
Brand : ASUS

Product family: ROG

Article code: 90PD02S1-M04340

Product name :
GL10CS-79D27PB1

Intel Core i7-9700 (12M Cache, up to 4.70 GHz), 16GB DDR4, 1TB HDD, 512GB SSD, NVIDIA GeForce RTX2070 8GB GDDR6, Wi-Fi, Bluetooth, LAN, Windows 10 Home
ASUS ROG GL10CS-79D27PB1. Processor frequency: 3 GHz, Processor family: Intel® Core™ i7, Processor model: i7-9700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2666 MHz. Total storage capacity: 1.51 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® UHD Graphics 630, Discrete graphics card model: NVIDIA® GeForce RTX™ 2070. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Chassis type: Midi Tower. Product type: PC. Product color: Silver



Processor		Network	
Processor manufacturer *	Intel	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Processor family *	Intel® Core™ i7	Antenna type	2x2
Processor generation	9th gen Intel® Core™ i7	Bluetooth	✓
Processor model *	i7-9700	Bluetooth version	5.0
Processor cores	8	Ports & interfaces	
Processor threads	8	USB 2.0 ports quantity *	2
Processor boost frequency	4.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor frequency *	3 GHz	DVI port	✓
Processor socket	LGA 1151 (Socket H4)	HDMI ports quantity *	1
Processor cache	12 MB	Ethernet LAN (RJ-45) ports	1
Processor cache type	Smart Cache	Microphone in	✓
System bus rate	8 GT/s	Headphone outputs	1
Bus type	DMI3	Line-out	✓
Processor lithography	14 nm	Line-in	✓
Processor operating modes	64-bit	Total number of SATA connectors	4
Processor codename	Coffee Lake	On/off button	✓
Thermal Design Power (TDP)	65 W	Expansion slots	
Tjunction	100 °C	PCI Express x1 slots	1
PCI Express slots version	3.0	PCI Express x16 slots	1
Maximum number of PCI Express lanes	16	Design	
PCI Express configurations	1x16, 2x8, 1x8+2x4	Chassis type *	Midi Tower
Number of processors installed	1	Product color *	Silver
Maximum internal memory supported by processor	128 GB	Performance	
Memory types supported by processor	DDR4-SDRAM	Market positioning	Gaming
Memory clock speeds supported by processor	2666 MHz	Virtual Reality (VR) ready	✓

Processor		Performance	
Memory bandwidth supported by processor (max)	41.6 GB/s	Motherboard chipset	Intel® B360
Memory		Password protection	✓
Internal memory *	16 GB	Password protection type	BIOS, User
Maximum internal memory *	32 GB	Product type *	PC
Internal memory type	DDR4-SDRAM	Software	
Memory slots	2x DIMM	Operating system architecture	64-bit
Memory clock speed	2666 MHz	Operating system installed *	Windows 10 Home
Memory upgrade note	Additional memory sold separately	Processor special features	
Storage		Intel 64	✓
Total storage capacity *	1.51 TB	Enhanced Intel SpeedStep Technology	✓
Storage media *	HDD+SSD	Embedded options available	✗
Optical drive type *	✗	Intel® InTru™ 3D Technology	✓
Number of storage drives installed	1	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Total HDDs capacity	1 TB	Intel Clear Video Technology	✓
Number of HDDs installed	1	Intel VT-x with Extended Page Tables (EPT)	✓
HDD capacity	1 TB	Intel TSX-NI	✓
HDD interface	SATA III	Idle States	✓
HDD speed	7200 RPM	Thermal Monitoring Technologies	✓
HDD size	3.5"	Intel Stable Image Platform Program (SIPP)	✓
Total SSDs capacity	512 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Number of SSDs installed	1	Intel® Secure Key	✓
SSD capacity	512 GB	Intel® OS Guard	✓
SSD interface	PCI Express	Intel Trusted Execution Technology	✓
SSD form factor	M.2	Execute Disable Bit	✓
Card reader integrated	✗	Intel Software Guard Extensions (Intel SGX)	✓
Graphics		Processor package size	37.5 x 37.5 mm
Discrete graphics card *	✓	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
On-board graphics card *	✓	Scalability	15
Discrete graphics card model *	NVIDIA® GeForce RTX™ 2070	CPU configuration (max)	1
Discrete graphics card memory	8 GB	Thermal solution specification	PCG 2015C
Discrete graphics memory type	GDDR6	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of discrete graphics cards	1	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® UHD Graphics	Processor ARK ID	191792
On-board graphics card model *	Intel® UHD Graphics 630	Intel® Turbo Boost Technology	2.0
On-board graphics card base frequency	350 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card dynamic frequency (max)	1200 MHz	Intel® Quick Sync Video Technology	✓
Maximum on-board graphics card memory	64 GB	Intel® Identity Protection Technology (Intel® IPT)	✓
Number of displays supported (on-board graphics)	3	Weight & dimensions	
On-board graphics card DirectX version	12.0	Width *	7.09" (180 mm)
On-board graphics card OpenGL version	4.5	Depth *	16.9" (430 mm)
On-board graphics card ID	0x3E98	Height *	16.9" (428 mm)
Network		Weight *	17.6 lbs (8 kg)
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Manual	✓
Cabling technology	10/100/1000Base-T(X)	Power cord included	✓
Wi-Fi *	✓	Display	
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Display included *	✗



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