

## ASUS ROG GL12CP-FR056T PC Intel® Core™ i5 i5-8400 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 1050 Windows 10 Black

**Brand :** ASUS

**Product family:** ROG

**Product code:** GL12CP-FR056T

**Product name :** GL12CP-FR056T

Intel Core i5-8400, 8GB DDR4 2666Mhz, 1TB HDD, NVIDIA GeForce GTX 1050 2GB GDDR5, DVD Super Multi, 802.11ac, Windows 10 64-Bits

ASUS ROG GL12CP-FR056T. Processor frequency: 2,8 GHz, Processor family: Intel® Core™ i5, Processor model: i5-8400. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Card reader integrated, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® UHD Graphics 630, Discrete graphics card model: NVIDIA® GeForce® GTX 1050.

Operating system installed: Windows 10, Operating system architecture: 64-bit. Product type: PC.

Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Line-out	✓
Processor family *	Intel® Core™ i5	Line-in	✓
Processor generation	8th gen Intel® Core™ i5	S/PDIF out port	✓
Processor model *	i5-8400	DC-in jack	✓
Processor cores	6	Number of SATA III connectors	4
Processor threads	6	<b>Expansion slots</b>	
Processor boost frequency	4 GHz	PCI Express x1 slots	1
Processor frequency *	2.8 GHz	PCI Express x16 slots	1
Processor socket	LGA 1151 (Socket H4)	<b>Design</b>	
Processor cache	9 MB	Product colour *	Black
Processor cache type	Smart Cache	<b>Performance</b>	
System bus rate	8 GT/s	Market positioning	Gaming
Bus type	DMI3	Virtual Reality (VR) ready	✓
Processor lithography	14 nm	Audio chip	Realtek ALC1150
Processor operating modes	64-bit	Audio system	ROG SupremeFX Audio
Processor codename	Coffee Lake	Product type *	PC
Thermal Design Power (TDP)	65 W	<b>Software</b>	
Tjunction	100 °C	Operating system installed *	Windows 10
PCI Express slots version	3.0	Operating system architecture	64-bit
Maximum number of PCI Express lanes	16	<b>Processor special features</b>	
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel 64	✓
Number of processors installed	1		
Maximum internal memory supported by processor	64 GB		

Processor		Processor special features	
Memory types supported by processor	DDR4-SDRAM	Enhanced Intel SpeedStep Technology	✓
Memory clock speeds supported by processor	2666 MHz	Embedded options available	✗
Memory bandwidth supported by processor (max)	41.6 GB/s	Intel® InTru™ 3D Technology	✓
ECC supported by processor	✗	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Memory		Intel Clear Video Technology	✓
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	32 GB	Intel TSX-NI	✗
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory layout (slots x size)	2 x 4 GB	Thermal Monitoring Technologies	✓
Memory slots	4x DIMM	Intel Stable Image Platform Program (SIPP)	✗
Memory channels	Dual-channel	Intel® AES New Instructions (Intel® AES-NI)	✓
Storage		Intel® Secure Key	✓
Total storage capacity *	1 TB	Intel® OS Guard	✓
Storage media *	HDD	Intel Trusted Execution Technology	✗
Optical drive type *	DVD Super Multi	Execute Disable Bit	✓
Number of HDDs installed	1	Intel Enhanced Halt State	✓
HDD capacity	1 TB	Intel Software Guard Extensions (Intel SGX)	✓
HDD interface	SATA	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
HDD speed	7200 RPM	Processor package size	37.5 x 37.5 mm
HDD size	3.5"	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Card reader integrated	✓	Scalability	1S
Compatible memory cards	MMC, SD	CPU configuration (max)	1
Graphics		Thermal solution specification	PCG 2015C
Discrete graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050	Intel Stable Image Platform Program (SIPP) version	0.00
Discrete graphics card memory	2 GB	Intel Secure Key Technology version	1.00
On-board graphics card model *	Intel® UHD Graphics 630	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	350 MHz	Intel TSX-NI version	0.00
On-board graphics card dynamic frequency (max)	1050 MHz	Processor ARK ID	126687
Maximum on-board graphics card memory	64 GB	Intel® Turbo Boost Technology	2.0
Number of displays supported (on-board graphics)	3	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card DirectX version	12.0	Intel® Quick Sync Video Technology	✓
On-board graphics card OpenGL version	4.5	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card ID	0x3E92	Conflict-Free processor	✓
Number of execution units	23	Weight & dimensions	
Network		Width *	179 mm
Ethernet LAN *	✓	Depth *	400 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height *	456 mm
Cabling technology	10/100/1000Base-T(X)	Weight *	11 kg
Wi-Fi *	✓	Packaging content	
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Mouse included	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Keyboard included	✓
Bluetooth	✓	Manual	✓
Bluetooth version	5.0	Power cord included	✓
Ports & interfaces			
USB 2.0 ports quantity *	4		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		
PowerShare	✗		

Ports & interfaces		Display	
DVI port	✗	Display included *	✗
HDMI ports quantity *	1	Other features	
Ethernet LAN (RJ-45) ports	1	Optical drives quantity	1
Microphone in	✓		
Headphone outputs	1		

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