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## ASUS ROG A-GL12CP-SD256 Intel® Core™ i5 i5-8400 8 GB DDR4-SDRAM 1.26 TB HDD+SSD NVIDIA® GeForce® GTX 1060 Windows **10 Home PC Black**

Brand : ASUS

Product family: ROG

Product code: GL12CP-SD256

Product name : A-GL12CP-SD256

- Windows 10 Home

- Intel Core i5-8400 (9MB Cache, 2.8GHz)

- NVIDIA GeForce GTX 1060 (3GB)

- 8GB (2666MHz) DDR4-SDRAM & 1000GB HDD, 256GB SSD

Intel Core i5-8400 (9MB Cache, 2.8GHz), 8GB DDR4-SDRAM, 1000GB HDD, 256GB SSD, DVD-RW, Intel UHD Graphics 630, NVIDIA GeForce GTX 1060 (3GB), LAN, WLAN, Bluetooth, Windows 10 Home ASUS ROG A-GL12CP-SD256. Processor frequency: 2.8 GHz, Processor family: Intel® Core™ i5, Processor: i5-8400. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2666 MHz. Total storage capacity: 1.26 TB, Storage media: HDD+SSD, Card reader integrated, Optical drive type: DVD-RW. On-board graphics card model: Intel® UHD Graphics 630, Discrete graphics card model: NVIDIA® GeForce® GTX 1060. Operating system installed: Windows 10 Home. Product type: PC. Product colour: Black





## Processor

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	4
Processor family *	Intel® Core™ i5	ports quantity *	
Processor generation	8th gen Intel® Core™ i5	DVI port	×
Processor *	i5-8400	HDMI ports quantity *	1
Processor number of cores	6	Ethernet LAN (RJ-45) ports quantity	1
Processor threads	6	Microphone in	1
Processor boost frequency	4 GHz	Headphone outputs	1
Processor frequency *	2.8 GHz	Combo headphone/mic port	1
Processor socket	LGA 1151 (Socket H4)	S/PDIF out port	1
Processor cache	9 MB	Design	
Processor cache type	Smart Cache	Design	
System bus data transfer rate	8 GT/s	Product colour *	Black
Bus type	DMI3	Performance	
Processor lithography	14 nm	Motherboard chipset	Intel® H310
Processor operating modes	64-bit	Product type *	PC
Processor codename	Coffee Lake	Software	
Thermal Design Power (TDP)	65 W		
Tjunction	100 °C	Operating system installed *	Windows 10 Home
PCI Express slots version	3.0	Processor special features	
Maximum number of PCI Express lanes	16	Intel 64	1
PCI Express configurations	1x16, 1x8+2x4, 2x8	Enhanced Intel SpeedStep	1
Number of processors installed	1	Technology	
Maximum internal memory 64 G	64 GB	Embedded options available	×
supported by processor		Intel® InTru <sup>™</sup> 3D Technology	1
Memory types supported by processor	DDR4-SDRAM	Intel Clear Video HD Technology	J
processor		Intel Clear Video Technology	1

Processor		Processor special features	
Memory clock speeds supported by processor	2666 MHz	Intel VT-x with Extended Page Tables (EPT)	1
Memory bandwidth supported by	41.6 GB/s	Intel TSX-NI	×
processor (max)		Idle States	1
Memory		Thermal Monitoring Technologies	1
Internal memory * Maximum internal memory *	8 GB 32 GB	Intel Stable Image Platform Program (SIPP)	×
Internal memory type	DDR4-SDRAM	Intel AES New Instructions	1
Memory slots	2x DIMM	Intel <sup>®</sup> Secure Key	1
Memory clock speed	2666 MHz	Intel <sup>®</sup> OS Guard	1
Storage		Intel Trusted Execution Technology	×
Total storage capacity *	1.26 TB	Execute Disable Bit	1
Storage media *	HDD+SSD	Intel Enhanced Halt State	1
Optical drive type *	DVD-RW	Intel Software Guard Extensions	,
Total HDDs capacity	1 TB	(Intel SGX)	✓
Number of hard drives installed	1	Intel Clear Video Technology for MID	<i>✓</i>
Hard drive capacity	1 TB	Processor package size	37.5 x 37.5 mm
Total SSDs capacity Number of SSDs installed	256 GB 1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Solid-state drive capacity	1 256 GB	Scalability	15
Card reader integrated	∠50 GB ✓	CPU configuration (max)	1 PCG 2015C
Compatible memory cards	MMC, SD	Thermal solution specification Intel Virtualization Technology for	PCG 2013C
Graphics		Directed I/O (VT-d)	1
Discrete graphics card *	1	Intel Identity Protection Technology version	1.00
On-board graphics card *	1	Intel Stable Image Platform Program (SIPP) version	0.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1060	Intel Secure Key Technology version	1.00
Discrete graphics card memory	3 GB	Intel Virtualization Technology (VT-	
On-board graphics card model *	Intel® UHD Graphics 630	x)	✓
On-board graphics card base frequency	350 MHz	Intel TSX-NI version	0.00
On-board graphics card dynamic	1050 MHz	Processor ARK ID	126687
frequency (max)		Intel Turbo Boost Technology	2.0
Maximum on-board graphics card memory	64 GB	Intel Hyper-Threading Technology	×
Number of displays supported (on-		Intel <sup>®</sup> Quick Sync Video Technology	
board graphics)	3	Intel Identity Protection Technology	I
On-board graphics card DirectX	12.0	Conflict-Free processor	1
version On-board graphics card OpenGL		Weight & Dimensions	
version	4.5	Width *	179 mm
On-board graphics card ID	0x3E92	Depth *	400 mm
Number of execution units	23	Height *	456 mm
Network		Weight *	11 kg
Ethernet LAN connection *	1	Packaging Content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Manual	1
Wi-Fi *	1	Power cord included	1
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Display	
Wi-Fi standards	Wi-Fi 5 (802.11ac)		<b>v</b>
Bluetooth	1	Display included *	×
Bluetooth version	5.0	Other features	
Ports & interfaces		Optical drives quantity	1
USB 2.0 ports quantity *	4		

**Catalog Object Cloud** 



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