

**ASUS ROG GL552VW-DM686T laptop Intel® Core™ i5 i5-6300HQ
39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1 TB HDD NVIDIA®
GeForce® GTX 960M Windows 10 Home Metallic**



Brand : ASUS

Product family: ROG

Product code: GL552VW-DM686T

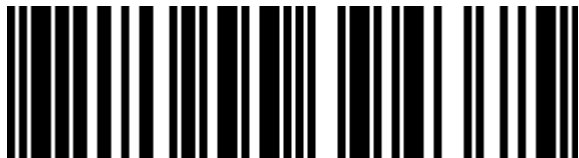
Product name : GL552VW-DM686T

Intel Core i5-6300HQ (6M Cache, 2.3GHz), Intel HD Graphics 530 + NVIDIA GeForce GTX 960M, 8GB RAM, 1000GB HDD, DVD, Ethernet, Windows 10
ASUS ROG GL552VW-DM686T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-6300HQ, Processor frequency: 2.3 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, Optical drive: DVD±RW. Operating system installed: Windows 10 Home. Product colour: Metallic

Design		Software	
Product type *	Laptop	Operating system installed *	Windows 10 Home
Product colour *	Metallic	Processor special features	
Form factor *	Clamshell		
Market positioning	Gaming	Intel Wireless Display (WiDi) Technology	✓
Display		Intel My WiFi Technology	✓
Display diagonal *	39.6 cm (15.6")	Intel® Smart Response Technology	✓
Display resolution *	1920 x 1080 pixels	Intel Identity Protection Technology	✓
Touchscreen *	✗	Intel Hyper-Threading Technology	✗
HD type	Full HD	Intel Turbo Boost Technology	2.0
LED backlight	✓	Intel® Small Business Advantage (Intel® SBA)	✓
Native aspect ratio	16:9	Enhanced Intel SpeedStep Technology	✓
Display surface	Matt	Intel Clear Video HD Technology	✓
Processor		Intel Clear Video Technology	✓
Processor manufacturer *	Intel	Intel® InTru™ 3D Technology	✓
Processor family *	Intel® Core™ i5	Intel® Insider™	✓
Processor generation	6th gen Intel® Core™ i5	Intel® Quick Sync Video Technology	✓
Processor *	i5-6300HQ	Intel Flex Memory Access	✓
Processor number of cores	4	Intel AES New Instructions	✓
Processor threads	4	Intel Trusted Execution Technology	✗
Processor boost frequency	3.2 GHz	Intel Enhanced Halt State	✓
Processor frequency *	2.3 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
System bus data transfer rate	8 GT/s	Intel® Secure Key	✓
Processor cache	6 MB	Intel TSX-NI	✓
Processor cache type	Smart Cache	Intel Stable Image Platform Program (SIPP)	✗
Processor socket	BGA 1440	Intel® OS Guard	✓
Processor lithography	14 nm	Intel Software Guard Extensions (Intel SGX)	✓
Processor operating modes	64-bit	Intel Clear Video Technology for MID	✓
Processor series	Intel® Core™ i5-6300 Mobile Series		
Processor codename	Skylake		
Bus type	DMI3		
Stepping	R0		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		

Processor		Processor special features	
Tjunction	100 °C	Intel 64	✓
Maximum number of PCI Express lanes	16	Execute Disable Bit	✓
PCI Express slots version	3.0	Idle States	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	42 x 28 mm
Memory		Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Internal memory *	8 GB	Processor code	SR2FP
Internal memory type	DDR4-SDRAM	CPU configuration (max)	1
Memory clock speed	2133 MHz	Embedded options available	✗
Memory form factor	SO-DIMM	Graphics & IMC lithography	14 nm
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory, maximum *	32 GB	Intel Identity Protection Technology version	1.00
Storage		Intel Smart Response Technology version	1.00
Total storage capacity *	1 TB	Intel Stable Image Platform Program (SIPP) version	0.00
Storage media *	HDD	Intel Secure Key Technology version	1.00
Number of HDDs installed	1	Intel Small Business Advantage (SBA) version	1.00
Hard drive capacity	1 TB	Intel TSX-NI version	1.00
Optical drive *	DVD±RW	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Processor ARK ID	88959
Compatible memory cards	MMC, SD, SDHC, SDXC	Conflict-Free processor	✓
Graphics		Battery	
Discrete graphics card model *	NVIDIA® GeForce® GTX 960M	Number of battery cells	4
Discrete graphics memory type	GDDR5	Battery capacity	3200 mAh
On-board graphics card *	✓	Battery capacity *	48 Wh
On-board graphics card model *	Intel® HD Graphics 530	Power	
On-board graphics card base frequency	350 MHz	AC adapter power	120 W
On-board graphics card dynamic frequency (max)	950 MHz	AC adapter frequency	50 - 60 Hz
Maximum on-board graphics card memory	1.7 GB	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	12.0	AC adapter output current	6.32 A
On-board graphics card OpenGL version	4.4	AC adapter output voltage	19 V
On-board graphics card ID	0x191B	DC-in jack	✓
Audio		Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✓	Password protection	✓
Network		Password protection type	BIOS, HDD, User
Wi-Fi	✓	Certificates	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Compliance certificates	RoHS
Ethernet LAN connection	✓	Certification	UL, TUV, MIC, CE Marking Compliance, FCC Compliance, BSMI, Australia C-TICK / NZ A-Tick Compliance, CCC, CB, EPEAT, EU Flower, Energy star, WEEE, Erp 2013, RoHS
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	4.0		
Ports & interfaces		Sustainability	
USB 2.0 ports quantity *	1	Sustainability certificates	ENERGY STAR
		Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Width	385 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Depth	255 mm
Ethernet LAN (RJ-45) ports	1	Height	32.4 mm
HDMI ports quantity *	1	Weight *	2.59 kg
DVI port	✗		

Ports & interfaces		Packaging content	
Microphone in	✗	AC adapter included *	✓
Combo headphone/mic port	✓	Manual	✓
Docking connector	✗	Power cord included	✓
Performance		Other features	
Chipset	Intel® HM170	Maximum internal memory (64-bit)	32 GB
Repairability index	5.2		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Keyboard backlit	✓		
Full-size keyboard	✓		
Windows keys	✓		



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