

ASUS ROG GL552VW-DH71 Intel® Core™ i7 i7-6700HQ Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® GT 960M Wi-Fi 5 (802.11ac) Windows 10 Home Metallic

Brand : ASUS

Product family: ROG

Product code: 90NB09I3-M00790

Product name : GL552VW-DH71

Intel Core i7-6700HQ (2.6GHz, 6M Cache), 16GB DDR4, 1000GB HDD, Intel HD Graphics 530 + NVIDIA GeForce GTX 960M, Ethernet, WLAN 802.11 a/b/g/n/ac, WebCam, Windows 10

ASUS ROG GL552VW-DH71. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-6700HQ, Processor frequency: 2.6 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive: DVD Super Multi.

Operating system installed: Windows 10 Home. Product colour: Metallic



Design		Keyboard	
Product type *	Laptop	Pointing device	ThinkPad UltraNav
Product colour *	Metallic	Numeric keypad *	✓
Form factor *	Clamshell	Full-size keyboard	✓
Market positioning	Gaming	Windows keys	✓
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Operating system installed *	Windows 10 Home
Touchscreen *	✗	Processor special features	
HD type	Full HD	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Display surface	Matt	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✓
Processor generation	6th gen Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor model *	i7-6700HQ	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	4	Intel Clear Video Technology	✓
Processor threads	8	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.5 GHz	Intel® Insider™	✓
Processor frequency *	2.6 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	8 GT/s	Intel Flex Memory Access	✓
Processor cache	6 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1440	Intel Enhanced Halt State	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-6700 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 VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Stable Image Platform Program (SIPP)	✗
ECC supported by processor	✗	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	16 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory clock speed	2133 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory slots	2x SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	16 GB	Processor package size	42 x 28 mm
Storage		Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Total storage capacity *	1 TB	Processor code	SR2FQ
Storage media *	HDD	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
HDD capacity	1 TB	Graphics & IMC lithography	14 nm
Optical drive type *	DVD Super Multi	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Smart Response Technology version	1.00
Graphics		Intel Stable Image Platform Program (SIPP) version	0.00
Discrete graphics card model *	NVIDIA® GeForce® GT 960M	Intel Secure Key Technology version	1.00
Discrete graphics card memory	2 GB	Intel Small Business Advantage (SBA) version	1.00
Discrete graphics memory type	GDDR3	Intel TSX-NI version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Processor ARK ID	88967
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 530	Battery	
On-board graphics card base frequency	350 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card dynamic frequency (max)	1050 MHz	Number of battery cells	4
Maximum on-board graphics card memory	1.7 GB	Battery capacity	3200 mAh
On-board graphics card DirectX version	12.0	Battery capacity *	48 Wh
On-board graphics card OpenGL version	4.4	Battery life (max)	5 h
On-board graphics card ID	0x191B	Power	
Audio		AC adapter power	120 W
Audio system	SonicMaster	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		Security	
Front camera	✓	Cable lock slot	✓
Network		Cable lock slot type	Kensington
Wi-Fi	✓	Password protection	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Password protection type	BIOS, HDD, User
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11g, Wi-Fi 4 (802.11n)	Certificates	
Ethernet LAN	✓	Compliance certificates	RoHS
Bluetooth	✓	Sustainability	
Bluetooth version	4.0	Sustainability certificates	ENERGY STAR
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	1	Width	384.5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		

Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Depth	256.9 mm
Ethernet LAN (RJ-45) ports	1	Height (front)	3.27 cm
HDMI ports quantity *	1	Height (rear)	3.48 cm
DVI port	✗	Weight *	2.59 kg
Headphone outputs	1	Packaging content	
Combo headphone/mic port	✓	AC adapter included *	✓
Docking connector	✗		
Performance			
Motherboard chipset	Intel® HM170		
Repairability index	5.2		

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