

ASUS ROG GL552VW-F2TKRP laptop Intel® Core™ i7 i7-6700HQ 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 2 TB HDD NVIDIA® GeForce® GTX 960M FreeDOS Black



Brand : ASUS

Product family: ROG

Product code: GL552VW-F2TKRP

Product name : GL552VW-F2TKRP

Intel Core i7-6700HQ (2.6GHz, 6M Cache), 16GB DDR4, 2000GB HDD, Intel HD Graphics 530 + NVIDIA GeForce GTX 960M, Ethernet, WLAN 802.11 ac, WebCam, Free DOS
ASUS ROG GL552VW-F2TKRP. 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: 1980 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 2 TB, Storage media: HDD, Optical drive type: DVD Super Multi DL. Operating system installed: FreeDOS. Product colour: Black

Design		Keyboard	
Product type *	Laptop	Windows keys	✓
Product colour *	Black	Software	
Form factor *	Clamshell	Operating system installed *	FreeDOS
Market positioning	Gaming	Processor special features	
Display		Intel Wireless Display (WiDi) Technology	✓
Display diagonal *	39.6 cm (15.6")	Intel My WiFi Technology	✓
Display resolution *	1980 x 1080 pixels	Intel Anti-Theft Technology	✗
HD type	Full HD	Intel® Smart Response Technology	✓
LED backlight	✓	Intel Identity Protection Technology	✓
Native aspect ratio	16:9	Intel Hyper-Threading Technology	✓
Display surface	Matt	Intel Turbo Boost Technology	2.0
Processor		Intel® Small Business Advantage (Intel® SBA)	✓
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i7	Intel® Built-in Visuals Technology	✓
Processor generation	6th gen Intel® Core™ i7	Intel HD Graphics	✓
Processor *	i7-6700HQ	Intel Clear Video HD Technology	✓
Processor number of 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 data transfer rate	8 GT/s	Intel Flex Memory Access	✓
Processor cache	6 MB	Intel® Smart Cache	✓
Processor cache type	Smart Cache	Intel AES New Instructions	✓
Processor socket	BGA 1440	Intel Trusted Execution Technology	✗
Processor lithography	14 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor series	Intel Core i7-6700 Mobile series	Intel Demand Based Switching	✗
Processor codename	Skylake		
Bus type	DMI3		
FSB Parity	✗		
Stepping	R0		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		

Processor		Processor special features	
Tjunction	100 °C	Intel® Secure Key	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✗
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® OS Guard	✓
ECC supported by processor	✗	Intel Software Guard Extensions (Intel SGX)	✓
Memory		Intel Clear Video Technology for MID	✓
Internal memory *	16 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory clock speed	2133 MHz	Idle States	✓
Memory form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	42 x 28 mm
Maximum internal memory *	32 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage		Processor code	SR2FQ
Total storage capacity *	2 TB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Optical drive type *	DVD Super Multi DL	Graphics & IMC lithography	14 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Identity Protection Technology version	1.00
Graphics		Intel Smart Response Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 960M	Intel Stable Image Platform Program (SIPP) version	0.00
Discrete graphics card memory	4 GB	Intel Secure Key Technology version	1.00
Discrete graphics memory type	GDDR5	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card *	✓	Intel TSX-NI version	1.00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card model *	Intel® HD Graphics 530	Intel FDI Technology	✗
On-board graphics card base frequency	350 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1050 MHz	Intel Fast Memory Access	✗
Maximum on-board graphics card memory	1.7 GB	Processor ARK ID	88967
On-board graphics card DirectX version	12.0	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.4	Battery	
On-board graphics card ID	0x191B	Number of battery cells	4
Graphics card Open GL support	✓	Battery performance	3200 mAh
Audio		Battery capacity *	48 Wh
Built-in microphone	✓	Energy Management	
Camera		AC adapter power	120 W
Front camera	✓	AC adapter frequency	50 - 60 Hz
Network		AC adapter input voltage	100 - 240 V
Wi-Fi	✓	AC adapter output current	6.32 A
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC adapter output voltage	19 V
Ethernet LAN connection	✓	DC-in jack	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Security	
Bluetooth	✓	Cable lock slot	✓
Bluetooth version	4.0	Cable lock slot type	Kensington
Ports & interfaces		Password protection	✓
USB 2.0 ports quantity *	1	Password protection type	BIOS, HDD, User
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Certificates	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Compliance certificates	RoHS
Ethernet LAN (RJ-45) ports quantity	1		
HDMI ports quantity *	1		

Ports & interfaces		Certificates	
DVI port	✗	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
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Performance		Sustainability	
Motherboard chipset	Intel® HM170	Sustainability certificates	ENERGY STAR
Repairability index	5.2	Weight & Dimensions	
		Width	385 mm
		Depth	255 mm
		Height	32.4 mm
		Weight *	2.59 kg
Keyboard		Packaging Content	
Pointing device	Touchpad	AC adapter bundled *	✓
Numeric keypad *	✓		
Full-size keyboard	✓		

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