

**ASUS ROG GL752VW-T4146T laptop Intel® Core™ i7 i7-6700HQ  
43,9 cm (17.3") Full HD 4 GB DDR4-SDRAM 1 TB HDD NVIDIA®  
GeForce® GTX 960M Windows 10 Home Black**

**Brand :** ASUS

**Product family:** ROG

**Product code:** GL752VW-T4146T

**Product name :** GL752VW-T4146T

Intel Core i7-6700HQ (6M Cache, 2.6GHz), Intel HD Graphics 530 + NVIDIA GeForce GTX 960M, 4GB DDR4, 1TB HDD, Gigabit Ethernet, Windows 10 Home  
ASUS ROG GL752VW-T4146T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6700HQ, Processor frequency: 2,6 GHz. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 10 Home. Product colour: Black



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 10 Home
Form factor *	Clamshell	<b>Processor special features</b>	
Market positioning	Gaming		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	43,9 cm (17.3")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1920 x 1080 pixels	Intel® Anti-Theft Technology (Intel® AT)	✗
Touchscreen *	✗	Intel® Smart Response Technology	✓
HD type	Full HD	Intel® Identity Protection Technology (Intel® IPT)	✓
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	2.0
Display surface	Matt	Intel® Small Business Advantage (Intel® SBA)	✓
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Built-in Visuals Technology	✓
Processor family *	Intel® Core™ i7	Intel HD Graphics	✓
Processor generation	6th gen Intel® Core™ i7	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i7-6700HQ	Intel Clear Video Technology	✓
Processor cores	4	Intel® InTru™ 3D Technology	✓
Processor threads	8	Intel® Insider™	✓
Processor boost frequency	3,5 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	2,6 GHz	Intel Flex Memory Access	✓
System bus rate	8 GT/s	Intel® Smart Cache	✓
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	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit		
Processor series	Intel Core i7-6700 Mobile series		
Processor codename	Skylake		
Bus type	DMI3		
FSB Parity	✗		
Stepping	R0		
Thermal Design Power (TDP)	45 W		

Processor		Processor special features	
Configurable TDP-down	35 W	Intel Demand Based Switching	✗
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 Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory *	4 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	✓
Maximum internal memory *	32 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
Optical drive type *	DVD Super Multi	Embedded options available	✗
Card reader integrated	✓	Graphics & IMC lithography	14 nm
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Identity Protection Technology version	1,00
Discrete graphics card model *	NVIDIA® GeForce® GTX 960M	Intel Smart Response Technology version	1,00
Discrete graphics card memory	4 GB	Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics memory type	GDDR5	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel Small Business Advantage (SBA) version	1,00
Discrete graphics card *	✓	Intel TSX-NI version	1,00
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 530	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	350 MHz	Intel FDI Technology	✗
On-board graphics card dynamic frequency (max)	1050 MHz	Intel Rapid Storage Technology	✗
Maximum on-board graphics card memory	1,7 GB	Intel Fast Memory Access	✗
On-board graphics card DirectX version	12.0	Processor ARK ID	88967
On-board graphics card OpenGL version	4.4	Conflict-Free processor	✓
On-board graphics card ID	0x191B	Battery	
Graphics card Open GL support	✓	Number of battery cells	4
Audio		Battery capacity	3200 mAh
Built-in microphone	✓	Battery capacity *	48 Wh
Camera		Power	
Front camera	✓	AC adapter power	120 W
Network		AC adapter frequency	50 - 60 Hz
Wi-Fi	✓	AC adapter input voltage	100 - 240 V
Ethernet LAN	✓	AC adapter output current	6,32 A
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter output voltage	19 V
Bluetooth	✓	DC-in jack	✓
Bluetooth version	4.0	Security	
Ports & interfaces		Cable lock slot	✓
USB 2.0 ports quantity *	2	Cable lock slot type	Kensington
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Password protection	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Password protection type	BIOS, HDD, User
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
Mini DisplayPorts quantity	1		

Ports & interfaces		Certificates	
DVI port	✗	Compliance certificates	RoHS
Headphone outputs	1	Certification	UL, TUV, MIC, CE Marking
S/PDIF out port	✗		Compliance, FCC Compliance, BSMI,
Microphone in	✓		Australia C-TICK / NZ A-Tick
Docking connector	✗		Compliance, CCC, CB, EPEAT, EU
ExpressCard slot	✗		Flower, Energy star, WEEE, RoHS
CardBus PCMCIA slot type	✗	Sustainability	
SmartCard slot	✗	Sustainability certificates	ENERGY STAR
Performance		Weight & dimensions	
Motherboard chipset	Intel® HM170	Width	415 mm
Repairability index	5.2	Depth	273,8 mm
Keyboard		Height (front)	3,81 cm
Pointing device	Touchpad	Height (rear)	4,03 cm
Numeric keypad *	✓	Weight *	3,05 kg
Full-size keyboard	✓		
Windows keys	✓		

## Catalog Object Cloud



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