

ASUS ROG G751JM-BH17T25 laptop Intel® Core™ i7 i7-4710HQ 43.9 cm (17.3") Full HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 860M Windows 8.1 Black

Brand : ASUS

Product family: ROG

Product code: G751JM-BH17T25

Product name : G751JM-BH17T25

Intel Core i7-4710HQ (2.5GHz, 6M Cache), 8GB RAM, 1000GB HDD, Intel HD Graphics 4600 + NVIDIA GeForce GTX 860M, Gigabit Ethernet, WLAN 802.11 a/ac/b/g/n, WebCam, Windows 8.1
ASUS ROG G751JM-BH17T25. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4710HQ, Processor frequency: 2.5 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8.1. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	Ethernet LAN (RJ-45) ports	1
Product colour *	Black	HDMI ports quantity *	1
Form factor *	Clamshell	DVI port	✗
Market positioning	Gaming	VGA (D-Sub) ports quantity	1
Display		Thunderbolt ports quantity	1
Touchscreen type	Capacitive	Headphone outputs	2
Display diagonal *	43.9 cm (17.3")	S/PDIF out port	✓
Display resolution *	1920 x 1080 pixels	Microphone in	✓
Touchscreen *	✗	Docking connector	✗
HD type	Full HD	Performance	
Touch technology	Multi-touch	Motherboard chipset	Intel® HM87
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Pointing device	Touchpad
Display surface	Matt	Numeric keypad *	✓
Processor		Windows keys	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i7	Operating system architecture	64-bit
Processor generation	4th gen Intel® Core™ i7	Operating system installed *	Windows 8.1
Processor model *	i7-4710HQ	Processor special features	
Processor cores	4	Intel® Wireless Display (Intel® WiDi)	✓
Processor threads	8	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor boost frequency	3.5 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2.5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	5 GT/s		
Processor cache	6 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1364		
Processor lithography	22 nm		

Processor		Processor special features	
Processor operating modes	64-bit	Intel® Turbo Boost Technology	2.0
Processor series	Intel Core i7-4700 Mobile series	Enhanced Intel SpeedStep Technology	✓
Processor codename	Haswell	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Bus type	DMI2	Intel® InTru™ 3D Technology	✓
Stepping	C0	Intel® Insider™	✓
Thermal Design Power (TDP)	47 W	Intel® Quick Sync Video Technology	✓
Tjunction	100 °C	Intel® Smart Cache	✓
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	3.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
Internal memory *	8 GB	Intel TSX-NI	✗
Internal memory type	DDR3L-SDRAM	Intel 64	✓
Maximum internal memory *	32 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	37.5 x 32 x 1.6 mm
Optical drive type *	DVD Super Multi	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Card reader integrated	✓	Processor code	SR1PX
Compatible memory cards	SD, MMC	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® GTX 860M	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	2 GB	Intel Identity Protection Technology version	1.00
Discrete graphics memory type	GDDR5	Intel Secure Key Technology version	1.00
On-board graphics card *	✓	Intel TSX-NI version	0.00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel FDI Technology	✓
On-board graphics card model *	Intel® HD Graphics 4600	Processor ARK ID	78930
On-board graphics card base frequency	400 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	1200 MHz	Battery	
Maximum on-board graphics card memory	1.74 GB	Number of battery cells	8
On-board graphics card DirectX version	12.0	Battery capacity	6000 mAh
On-board graphics card OpenGL version	4.3	Power	
On-board graphics card ID	0x416	AC adapter power	180 W
Audio		AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current	9.23 A
Front camera	✓	AC adapter output voltage	19.5 V
Network		DC-in jack	✓
Wi-Fi	✓	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	416 mm
Ethernet LAN	✓	Depth	318 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (front)	2 cm
Bluetooth	✓	Height (rear)	4.3 cm
Bluetooth version	4.0	Weight *	4.3 kg
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 10-MAY-2025. Prints or copies of Information are only valid on the printed Publication date