## ASUS ROG G751J-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, Grey

Brand : ASUS

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Product family: ROG

Product code: G751J-BH17T25

Product name : G751J-BH17T25

17.3" (1920 x 1080, LED), Intel Core i7-4710HQ, 8GB (DDR3L), 1TB (HDD), NVIDIA GeForce GTX 860M (GDDR5), Windows 8.1 (64 bit), 802.11 b/g/n, Bluetooth 4.0, DVD Super Multi, 4 x USB 3.0, 1 x VGA, 1 x LAN, 1 x HDMI, 1 x Thunderbolt, 4.3 kg

ASUS ROG G751J-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, Grey





Product type*LaptopPointing deviceTouchpadProduct colour*Black, GreyNumeric keypad*<Product colour*CamshellKeyboard backlitMarket positioningCamingPull-size keyboardDisplayWindows keysDisplay diagonal *3.9 cm (17.3")Potersing system architecture64-bitDisplay resolution *1920 x 1080 pikesOperating system architecture64-bitPotersing system architecture164-bitCoreasing system installe *64-bitNative aspect ratio6.9Intel® Wireles Display (Intel®Display surface16.9Intel® Wireles Display (Intel®Processor manufacture*14.9Intel® Marifes CoreeProcessor family*Intel® Core" i17Intel® Anti-Theft TechnologyProcessor family*14.9Intel® Sand Response TechnologyProcessor famely*3.5 GHzIntel® Sand Response TechnologyProcessor frequency3.5 GHzIntel® Mirel® Stard ResponseProcessor frequency3.5 GHzIntel® Mirel® Stard ResponseProcessor frequency3.5 GHzIntel® Mirel® Stard ResponseProcessor frequency6.0 STardIntel® Mirel® Stard	Design		Keyboard	
DisplayWindows keysImage: second secon	Product colour * Form factor *	Black, Grey Clamshell	Numeric keypad * Keyboard backlit	×
Display resolution*1920 x 1080 pixelsSorwareHD typeFull HDOperating system installed *64-bitPanel typeIPSOperating system installed *Windows 8.1LED backlightImage: Society system installed *Windows 8.1LED backlightImage: Society system installed *Windows 8.1Native aspect ratio16.9Intel® Wireless Display (Intel®Image: Society system installed *Display surfaceMattIntel® My WiFi Technology (Intel®Image: Society system installed *ProcessorIntel® core ** i7Intel® Anti-Theft TechnologyXProcessor model *17-4710HQIntel® Anti-Theft TechnologyXProcessor model *17-4710HQIntel® Smart Response TechnologyXProcessor frequency3.5 GHzIntel® Hyper Threading Technology2.0Processor frequency *2.5 GHzIntel® Hyper Threading Technology2.0Processor frequency *5 GT/sIntel® Matris Storage Technology2.0Processor socketBGA 1364Intel® Smart Business Advantage (Intel® Shall Business Advantage (Intel® Storage Technology)XProcessor socketBGA 1364Intel® Matris Storage TechnologyXProcessor socketIntel Core 17-4700 Mobile seriesIntel® Matris Storage TechnologyXProcessor socketIntel Core 17-4700 Mobile seriesIntel® Matris Storage TechnologyXProcessor socketIntel Core 17-4700 Mobile seriesIntel® Matris Storage TechnologyXProcessor sockerIntel Core	Display		,	1
Leb Constant Line Line Line Line Line Line Line Line	Display resolution * HD type Panel type	1920 x 1080 pixels Full HD	Software Operating system architecture Operating system installed *	
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Processor series     Intel Core i7-4700 Mobile series     HD Audio)     X       Processor codename     Haswell     Intel® Active Management Technology (Intel® AMT)     X       Bus type     DMI2     Enhanced Intel SpeedStep Technology     ✓       FSB Parity     X     Enchanced Intel SpeedStep Technology       Stepping     C0     Intel® Clear Video HD Technology	Processor lithography			×
Bus type     DMI2     Technology (Intel® AMT)       FSB Parity     ×     Enhanced Intel SpeedStep Technology       Stepping     C0     Intel® Clear Video HD Technology			5	×
FSB Parity     ×     Enhanced Intel SpeedStep Technology       Stepping     C0     Intel® Clear Video HD Technology				×
		×		1
			57	1

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Processor		Processor special features	
Tjunction	100 °C	Intel Clear Video Technology	×
Maximum number of PCI Express lanes	16	Intel® InTru <sup>™</sup> 3D Technology	1
PCI Express slots version	3.0	Intel® Insider™	1
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel <sup>®</sup> Quick Sync Video Technology	1
ECC supported by processor	×	Intel Flex Memory Access	×
Memory		Intel <sup>®</sup> Smart Cache	<ul> <li>Image: A set of the set of the</li></ul>
Internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	1
Internal memory type	DDR3L-SDRAM	Intel Trusted Execution Technology	×
Memory clock speed	1600 MHz	Intel Enhanced Halt State	
Memory form factor	SO-DIMM	Intel VT-x with Extended Page	•
Memory slots	2x SO-DIMM	Tables (EPT)	<ul> <li>Image: A start of the start of</li></ul>
Maximum internal memory *	32 GB	Intel Demand Based Switching	×
Storage		Intel <sup>®</sup> Secure Key	1
Total storage capacity *	1 TB	Intel TSX-NI	×
Storage media *	HDD	Intel® Clear Video Technology for	
Number of HDDs installed HDD capacity	1 1 TB	Mobile Internet Devices (Intel CVT for MID)	×
HDD interface	SATA	Intel 64	1
HDD speed	5400 RPM	Execute Disable Bit	1
HDD size	2.5"	Idle States	1
Optical drive type *	DVD Super Multi	Thermal Monitoring Technologies	1
Card reader integrated	1	Processor package size	37.5 x 32 x 1.6 mm
Compatible memory cards	MMC, SD, SDHC, SDXC	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Graphics		Processor code	SR1PX
Discrete graphics card model *	NVIDIA® GeForce® GTX 860M	CPU configuration (max)	1
Discrete graphics memory type	GDDR5	Embedded options available	×
On-board graphics card *	1	Intel Virtualization Technology for Directed I/O (VT-d)	1
Discrete graphics card *	1	Intel Identity Protection Technology	1.00
On-board graphics card family	Intel <sup>®</sup> HD Graphics	version	1.00
On-board graphics card model *	Intel <sup>®</sup> HD Graphics 4600	Intel Secure Key Technology version	
On-board graphics card base frequency	400 MHz	Intel TSX-NI version	0.00
On-board graphics card dynamic	1200 MH-	Intel Virtualization Technology (VT- x)	<ul> <li>Image: A start of the start of</li></ul>
frequency (max)	1200 MHz	Intel Dual Display Capable	×
Maximum on-board graphics card memory	1.74 GB	Technology	
On-board graphics card DirectX	10.0	Intel FDI Technology	<ul> <li>Image: A set of the set of the</li></ul>
version	12.0	Intel Rapid Storage Technology	×
On-board graphics card OpenGL version	4.3	Intel Fast Memory Access	×
On-board graphics card ID	0x416	Processor ARK ID	78930
Number of discrete graphics cards		Conflict-Free processor	1
supported	1	Battery	
Number of discrete graphics cards installed	1	Number of battery cells	8
		Battery capacity	6000 mAh
Audio	Contraction of the second s	Power	
Audio system	SonicMaster	AC adapter power	180 W
Built-in subwoofer		AC adapter frequency	50 - 60 Hz
Built-in microphone	۲	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current AC adapter output voltage	9.23 A 19.5 V
Front camera	1	DC-in jack	19.5 V
Front camera resolution	1280 x 720 pixels		
Network		Security	
Wi-Fi	1	Cable lock slot	1
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	1	Width	416 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	318 mm

Network		Weight & dimensions	
Bluetooth	✓	Height (front)	2 cm
Bluetooth version	4.0	Height (rear)	4.3 cm
Ports & interfaces		Weight *	4.3 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A	4	Packaging content	
ports quantity *		AC adapter included *	1
Ethernet LAN (RJ-45) ports	1	Manual	1
HDMI ports quantity *	1	Power cord included	1
DVI port	X Other features		
VGA (D-Sub) ports quantity	1		
Thunderbolt ports quantity	1	Maximum internal memory (64-bit)	32 GB
Headphone outputs	1	Intel® Virtualization Technology	VT-d, VT-x
S/PDIF out port	<ul> <li>Image: A set of the set of the</li></ul>	(Intel® VT)	
Microphone in	<ul> <li>Image: A set of the set of the</li></ul>		
Docking connector	×		
ExpressCard slot	×		
CardBus PCMCIA slot type	×		
SmartCard slot	×		
Performance			

Motherboard chipset

Intel® HM87

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