

ASUS ROG G751JL-T7032H laptop Intel® Core™ i7 i7-4720HQ 43,9 cm (17.3") Full HD 32 GB DDR3L-SDRAM 1,13 TB HDD NVIDIA® GeForce® GTX 965M Windows 8.1 Black

Brand : ASUS

Product family: ROG

Product code: G751JL-T7032H

Product name : G751JL-T7032H



17.3" 1920x1080 LED, Intel Core i7-4720HQ (2.6GHz, 6MB Cache), 32GB SDRAM, 1TB HDD, 128GB SSD, Super-Multi DVD, NVIDIA GeForce GTX965M 2GB GDDR5, HD Webcam, SD/MMC, 802.11a/b/g/n/ac, Bluetooth 4.0, VGA, 4xUSB 3.0, HDMI, Windows 8.1 64-bit

ASUS ROG G751JL-T7032H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4720HQ, Processor frequency: 2,6 GHz. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1,13 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8.1. Product colour: Black



Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Keyboard backlight	✓
Market positioning	Gaming	Island-style keyboard	✓
Display		Full-size keyboard	✓
Display diagonal *	43,9 cm (17.3")	Windows keys	✓
Display resolution *	1920 x 1080 pixels	Software	
HD type	Full HD	Operating system architecture	64-bit
LED backlight	✓	Operating system installed *	Windows 8.1
Native aspect ratio	16:9	Processor special features	
Display surface	Matt	Intel® Wireless Display (Intel® WiDi)	✓
Processor		Intel® My WiFi Technology (Intel® MWT)	✗
Processor manufacturer *	Intel	Intel Smart Connect Technology	✗
Processor family *	Intel® Core™ i7	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® Rapid Start Technology	✗
Processor model *	i7-4720HQ	Intel® Smart Response Technology	✗
Processor cores	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	8	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3,6 GHz	Intel® Turbo Boost Technology	✗
Processor frequency *	2,6 GHz	Intel® Small Business Advantage (Intel® SBA)	✗
System bus rate	5 GT/s	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor cache	6 MB		
Processor cache type	L3		
Processor socket	BGA 1364		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-4700 Mobile series		
Processor codename	Haswell		

Processor		Processor special features	
Bus type	DMI2	Intel® High Definition Audio (Intel® HD Audio)	✗
FSB Parity	✗	Intel® Active Management Technology (Intel® AMT)	✗
Stepping	C0	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	47 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Tjunction	100 °C	Intel Clear Video Technology	✗
Maximum number of PCI Express lanes	16	Intel® InTru™ 3D Technology	✓
PCI Express slots version	3.0	Intel® Insider™	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Quick Sync Video Technology	✓
ECC supported by processor	✗	Intel Flex Memory Access	✗
Memory		Intel® Smart Cache	✓
Internal memory *	32 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
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 Tables (EPT)	✓
Memory layout (slots x size)	4 x 8 GB	Intel Demand Based Switching	✗
Memory slots	4x SO-DIMM	Intel® Secure Key	✓
Maximum internal memory *	32 GB	Intel TSX-NI	✗
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Total storage capacity *	1,13 TB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✓
HDD size	2.5"	Processor package size	37.5 x 32 x 1.6 mm
Number of SSDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
SSD capacity	128 GB	Processor code	SR1Q8
Optical drive type *	DVD Super Multi	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	MMC, SD	Graphics & IMC lithography	22 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 965M	Intel Identity Protection Technology version	1,00
Discrete graphics card memory	2 GB	Intel Secure Key Technology version	1,00
Discrete graphics memory type	GDDR5	Intel TSX-NI version	0,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Intel Dual Display Capable Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel FDI Technology	✓
On-board graphics card model *	Intel® HD Graphics 4600	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	400 MHz	Intel Fast Memory Access	✗
On-board graphics card dynamic frequency (max)	1200 MHz	Processor ARK ID	78934
Maximum on-board graphics card memory	1,74 GB	Conflict-Free processor	✓
On-board graphics card DirectX version	11.2/12	Battery	
On-board graphics card OpenGL version	4.3	Number of battery cells	8
On-board graphics card ID	0x416	Battery capacity	6000 mAh
Audio		Power	
Audio system	SonicMaster	AC adapter power	180 W
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Camera		AC adapter input voltage	100 - 240 V
Front camera	✓	AC adapter output current	9,23 A
Network		AC adapter output voltage	19.5 V
Wi-Fi	✓		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		

Network		Power	
Ethernet LAN data rates	10,100,1000 Mbit/s	DC-in jack	✓
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	416 mm
Ports & interfaces		Depth	318 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Height (front)	2 cm
Ethernet LAN (RJ-45) ports	1	Height (rear)	4,3 cm
HDMI ports quantity *	1	Weight *	4,3 kg
DVI port	✗	Other features	
VGA (D-Sub) ports quantity	1	Maximum internal memory (64-bit)	32 GB
Thunderbolt ports quantity	1		
Headphone outputs	2		
S/PDIF out port	✓		
Microphone in	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Performance			
Motherboard chipset	Intel® HM87		

Catalog Object Cloud



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