

# ASUS ROG G750JX-T4272H laptop Intel® Core™ i7 i7-4700HQ 43,9 cm (17.3") Full HD 16 GB DDR3L-SDRAM 1,01 TB HDD+SSD NVIDIA® GeForce® GTX 770M Windows 8 Black



**Brand :** ASUS

**Product family:** ROG

**Product code:** G750JX-T4272H

**Product name :** G750JX-T4272H

17.3" 1920x1080 LED, Intel Core i7-4700HQ 2.4GHz, 16GB DDR3L 1600MHz, Blu-ray/DVD, 750GB SATA 7200RPM, 256GB SSD, NVIDIA GeForce GTX 770M 3GB GDDR5, HD Webcam, SD/MMC, 802.11ac, Bluetooth 4.0, VGA, 4xUSB 3.0, HDMI, 5900 mAh, 4.8kg, Windows 8 64-bit, Black

ASUS ROG G750JX-T4272H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4700HQ, Processor frequency: 2,4 GHz. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1,01 TB, Storage media: HDD+SSD, Optical drive type: Blu-Ray DVD Combo. Operating system installed: Windows 8. Product colour: Black

Design		Keyboard	
Product type *	Laptop	Island-style keyboard	✓
Product colour *	Black	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Market positioning	Gaming		
Display		Software	
Display diagonal *	43,9 cm (17.3")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Operating system installed *	Windows 8
Touchscreen *	✗		
HD type	Full HD		
LED backlight	✓		
Native aspect ratio	16:9		
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	4th gen Intel® Core™ i7	Intel Smart Connect Technology	✗
Processor model *	i7-4700HQ	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor cores	4	Intel® Rapid Start Technology	✗
Processor threads	8	Intel® Smart Response Technology	✗
Processor boost frequency	3,4 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2,4 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache	6 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Intel® Small Business Advantage (Intel® SBA)	✗
Processor socket	BGA 1364	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor lithography	22 nm	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor operating modes	64-bit	Intel® Active Management Technology (Intel® AMT)	✗
Processor series	Intel Core i7-4700 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		

Processor		Processor special features	
FSB Parity	✗	Enhanced Intel SpeedStep Technology	✓
Stepping	C0	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Thermal Design Power (TDP)	47 W	Intel Clear Video Technology	✗
Tjunction	100 °C	Intel® InTru™ 3D Technology	✓
Maximum number of PCI Express lanes	16	Intel® Insider™	✓
PCI Express slots version	3.0	Intel® Quick Sync Video Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Flex Memory Access	✗
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	16 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR3L-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	1600 MHz	Intel Demand Based Switching	✗
Memory form factor	SO-DIMM	Intel® Secure Key	✓
Memory slots	4x SO-DIMM	Intel TSX-NI	✗
Maximum internal memory *	32 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage		Intel 64	✓
Total storage capacity *	1,01 TB	Execute Disable Bit	✓
Storage media *	HDD+SSD	Idle States	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
HDD capacity	750 GB	Processor package size	37.5 x 32 x 1.6 mm
HDD interface	SATA	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD speed	7200 RPM	Processor code	SR15E
HDD size	2.5"	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	Blu-Ray DVD Combo	Intel Identity Protection Technology version	1,00
Card reader integrated	✓	Intel Secure Key Technology version	1,00
Compatible memory cards	MMC, SD	Intel TSX-NI version	0,00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 770M	Intel Dual Display Capable Technology	✗
Discrete graphics card memory	3 GB	Intel FDI Technology	✓
Discrete graphics memory type	GDDR5	Intel Rapid Storage Technology	✗
On-board graphics card *	✓	Intel Fast Memory Access	✗
Discrete graphics card *	✓	Processor ARK ID	75116
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 4600	Battery	
On-board graphics card base frequency	400 MHz	Number of battery cells	8
On-board graphics card dynamic frequency (max)	1200 MHz	Battery capacity	5900 mAh
Maximum on-board graphics card memory	1,74 GB	Battery capacity *	89 Wh
On-board graphics card DirectX version	11.2/12	Power	
On-board graphics card ID	0x416	AC adapter power	180 W
Number of discrete graphics cards installed	1	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	SonicMaster	AC adapter output current	9,23 A
Number of built-in speakers	2	AC adapter output voltage	19.5 V
Built-in subwoofer	✓	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Cable lock slot	✓
Front camera	✓		
Network			
Wi-Fi	✓		
Wi-Fi standards	Wi-Fi 5 (802.11ac)		

Network		Security	
Ethernet LAN	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	410 mm
Bluetooth version	4.0	Depth	318 mm
Ports & interfaces		Height (front)	1,7 cm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Height (rear)	5 cm
Ethernet LAN (RJ-45) ports	1	Weight *	4,8 kg
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Manual	✓
Thunderbolt ports quantity	1	Power cord included	✓
Headphone outputs	1	Other features	
S/PDIF out port	✓	LightScribe	✗
Microphone in	✓	3D	✓
Docking connector	✗	Maximum internal memory (64-bit)	32 GB
ExpressCard slot	✗	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Performance			
Motherboard chipset	Intel® HM87		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Keyboard backlit	✓		

## Catalog Object Cloud



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