

ASUS ROG G750JS-T4094H 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 870M Windows 8.1 Black



Brand : ASUS

Product family: ROG

Product code: G750JS-T4094H

Product name : G750JS-T4094H

Intel Core i7-4700HQ (2.4GHz, 6M Cache), 16GB DDR3L, 750GB HDD + 256GB SSD, Intel HD Graphics 4600 + NVIDIA GeForce GTX 870M, Gigabit Ethernet, WLAN 802.11, WebCam, Windows 8.1
 ASUS ROG G750JS-T4094H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: 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: DVD Super Multi. Operating system installed: Windows 8.1. Product colour: Black

Design		Ports & interfaces	
Product type *	Laptop	Mini DisplayPorts quantity	1
Product colour *	Black	DVI port	✗
Form factor *	Clamshell	VGA (D-Sub) ports quantity	1
Market positioning	Gaming	Headphone outputs	1
Display		Microphone in	✓
Display diagonal *	43.9 cm (17.3")	Docking connector	✗
Display resolution *	1920 x 1080 pixels	Performance	
Touchscreen *	✗	Chipset	Intel® HM87
HD type	Full HD	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:9	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 *	i7-4700HQ	Processor special features	
Processor number of cores	4	Intel Wireless Display (WiDi) Technology	✓
Processor threads	8	Intel My WiFi Technology	✓
Processor boost frequency	3.4 GHz	Intel Anti-Theft Technology	✓
Processor frequency *	2.4 GHz	Intel Identity Protection Technology	✓
Processor cache	6 MB	Intel Hyper-Threading Technology	✓
Processor cache type	Smart Cache	Intel Turbo Boost Technology	2.0
Processor socket	BGA 1364	Enhanced Intel SpeedStep Technology	✓
Processor lithography	22 nm	Intel Clear Video HD Technology	✓
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i7-4700 Mobile series	Intel® Insider™	✓
Processor codename	Haswell	Intel® Quick Sync Video Technology	✓
Bus type	DMI2	Intel AES New Instructions	✓
Stepping	C0	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	47 W	Intel Enhanced Halt State	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Memory	
ECC supported by processor	✗	Internal memory *	16 GB
		Internal memory type	DDR3L-SDRAM

Memory		Processor special features	
Memory, maximum *	32 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	1.01 TB	Idle States	✓
Storage media *	HDD+SSD	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	37.5 x 32 x 1.6 mm
Hard drive capacity	750 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Solid-state drive capacity	256 GB	Processor code	SR15E
Optical drive *	DVD Super Multi	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	MMC, SD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 870M	Intel Secure Key Technology version	1.00
Discrete graphics card memory	3 GB	Intel TSX-NI version	0.00
Discrete graphics memory type	GDDR5	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel FDI Technology	✓
Discrete graphics card *	✓	Processor ARK ID	75116
On-board graphics card model *	Intel® HD Graphics 4600	Conflict-Free processor	✓
On-board graphics card base frequency	400 MHz	Battery	
On-board graphics card dynamic frequency (max)	1200 MHz	Number of battery cells	8
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
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	✓	Security	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Cable lock slot	✓
Ethernet LAN connection	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,1000,100 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	410 mm
Bluetooth version	4.0	Depth	310 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		

Catalog Object Cloud



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