

ASUS R751JB-TY027H laptop Intel® Core™ i7 i7-4700HQ 43.9 cm (17.3") HD+ 8 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GT 740M Windows 8 Grey, Stainless steel



Brand : ASUS

Product code: R751JB-TY027H

Product name : R751JB-TY027H

Intel Core i7-4700HQ (2.4GHz, 6MB), 17.3" HD+ 1600 x 900, 8GB DDR3, 1000GB HDD, DVD Super Multi, Intel HD Graphics 4600, NVIDIA GeForce GT 740M 2GB, Fast Ethernet, 802.11 b/g/n, Windows 8 64-bit ASUS R751JB-TY027H. 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: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive: DVD Super Multi. Operating system installed: Windows 8. Product colour: Grey, Stainless steel

Design		Ports & interfaces	
Product type *	Laptop	S/PDIF out port	✗
Product colour *	Grey, Stainless steel	Microphone in	✗
Form factor *	Clamshell	Combo headphone/mic port	✓
Display		Docking connector	✗
Display diagonal *	43.9 cm (17.3")	ExpressCard slot	✗
Display resolution *	1600 x 900 pixels	CardBus PCMCIA slot type	✗
Touchscreen *	✗	SmartCard slot	✗
HD type	HD+	Performance	
LED backlight	✓	Chipset	Intel® HM86
Native aspect ratio	16:9	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor family *	Intel® Core™ i7	Full-size keyboard	✓
Processor generation	4th gen Intel® Core™ i7	Windows keys	✓
Processor *	i7-4700HQ	Software	
Processor number of cores	4	Operating system architecture	64-bit
Processor threads	8	Drivers included	✓
Processor boost frequency	3.4 GHz	Operating system installed *	Windows 8
Processor frequency *	2.4 GHz	Processor special features	
Processor cache	6 MB	Intel Wireless Display (WiDi) Technology	✓
Processor cache type	Smart Cache	Intel My WiFi Technology	✓
Processor socket	BGA 1364	Intel Anti-Theft Technology	✓
Processor lithography	22 nm	Intel Identity Protection Technology	✓
Processor operating modes	64-bit	Intel Hyper-Threading Technology	✓
Processor series	Intel Core i7-4700 Mobile series	Intel Turbo Boost Technology	2.0
Processor codename	Haswell	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI2	Intel Clear Video HD Technology	✓
FSB Parity	✗	Intel Clear Video Technology	✗
Stepping	C0	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	47 W	Intel® Insider™	✓
Tjunction	100 °C	Intel® Quick Sync Video Technology	✓
Maximum number of PCI Express lanes	16	Intel Flex Memory Access	✗
PCI Express slots version	3.0	Intel AES New Instructions	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4		
ECC supported by processor	✗		
Memory			
Internal memory *	8 GB		

Memory		Processor special features	
Internal memory type	DDR3-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	1600 MHz	Intel Enhanced Halt State	✓
Storage		Intel VT-x with Extended Page Tables (EPT)	✓
Total storage capacity *	1 TB	Intel Demand Based Switching	✗
Storage media *	HDD	Intel® Secure Key	✓
Number of HDDs installed	1	Intel TSX-NI	✗
Hard drive capacity	1 TB	Intel Clear Video Technology for MID	✗
Hard drive rotational speed	5400 RPM	Intel 64	✓
Optical drive *	DVD Super Multi	Execute Disable Bit	✓
Card reader integrated	✓	Idle States	✓
Compatible memory cards	SD, SDHC	Thermal Monitoring Technologies	✓
Graphics		Processor package size	37.5 x 32 x 1.6 mm
Discrete graphics card model *	NVIDIA® GeForce® GT 740M	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Discrete graphics card memory	2 GB	Processor code	SR15E
Discrete graphics memory type	GDDR3	CPU configuration (max)	1
On-board graphics card *	✓	Embedded options available	✗
Discrete graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card family	Intel® HD Graphics	Intel Identity Protection Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 4600	Intel Secure Key Technology version	1.00
On-board graphics card base frequency	400 MHz	Intel TSX-NI version	0.00
On-board graphics card dynamic frequency (max)	1200 MHz	Intel Virtualization Technology (VT-x)	✓
Maximum on-board graphics card memory	1.74 GB	Intel Dual Display Capable Technology	✗
On-board graphics card DirectX version	11.2/12	Intel FDI Technology	✓
On-board graphics card ID	0x416	Intel Rapid Storage Technology	✗
Audio		Intel Fast Memory Access	✗
Audio system	SonicMaster	Processor ARK ID	75116
Built-in microphone	✓	Conflict-Free processor	✓
Camera		Battery	
Front camera	✓	Number of battery cells	4
Network		Battery capacity	3000 mAh
Wi-Fi	✓	Power	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	DC-in jack	✓
Ethernet LAN connection	✓	Security	
Ethernet LAN data rates	10,100 Mbit/s	Cable lock slot	✗
Bluetooth	✗	Weight & dimensions	
Data network	Not supported	Width	420 mm
Cabling technology	10/100/1000Base-T(X)	Depth	282 mm
4G WiMAX	✗	Height (front)	3.46 cm
Ports & interfaces		Height (rear)	3.86 cm
USB 2.0 ports quantity *	2	Weight *	3.1 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Other features	
Ethernet LAN (RJ-45) ports	1	3D compatibility	✗
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		

Catalog Object Cloud



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