## ASUS R751JB-TY027H laptop Intel® Core<sup>™</sup> 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

Product name : R751JB-TY027H

Brand : ASUS

Product code: 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	1
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+		<b>^</b>
LED backlight	1	Performance	
Native aspect ratio	16:9	Chipset	Intel® HM86
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	<ul> <li>Image: A set of the set of the</li></ul>
Processor generation	4th gen Intel® Core™ i7	Full-size keyboard	✓
Processor *	i7-4700HQ	Windows keys	1
Processor number of cores	4	Software	
Processor threads	8	Operating system architecture	64-bit
Processor boost frequency	3.4 GHz	Drivers included	v − bit
Processor frequency *	2.4 GHz	Operating system installed *	Windows 8
Processor cache	6 MB		WINDOWS 8
Processor cache type Processor socket	Smart Cache BGA 1364	Processor special features	
Processor lithography	22 nm	Intel Wireless Display (WiDi) Technology	1
Processor operating modes	64-bit		
Processor series	Intel Core i7-4700 Mobile series	Intel My WiFi Technology	·
Processor codename	Haswell	Intel Anti-Theft Technology	
Bus type	DMI2	Intel Identity Protection Technology	
FSB Parity	×	Intel Hyper-Threading Technology	
Stepping	C0	Intel Turbo Boost Technology	2.0
Thermal Design Power (TDP)	47 W	Enhanced Intel SpeedStep Technology	<ul> <li>Image: A set of the set of the</li></ul>
Tjunction	100 °C	Intel Clear Video HD Technology	1
Maximum number of PCI Express lanes	16	Intel Clear Video Technology	×
PCI Express slots version	3.0	Intel® InTru <sup>™</sup> 3D Technology	<ul> <li>Image: A set of the set of the</li></ul>
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Insider™	✓
ECC supported by processor	×	Intel® Quick Sync Video Technology	1
Memory		Intel Flex Memory Access	×
Internal memory *	8 GB	Intel AES New Instructions	1
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MemoryDDR3-SDRAMIntel Trusted Execution TechnologyXMemory clock speed1600 MHzIntel Enhanced Halt StateStorageIntel Enhanced Halt StateStorage capacity *1 TBIntel Enhanced Halt StateStorage media *HDDIntel Secure KeyStorage media *HDDIntel Secure KeyHard drive capacity1 TBIntel Secure KeyHard drive capacity1 TBIntel Secure KeyHard drive capacityDVD Super MultiIntel G4Card reader integrated*Execute Disable BitGraphicsVDD Super MultiIntel G4Discrete graphics card model *NVIDIA® GeForce® GT 740MProcessor package size37.5 x 32 x 1.6 mmDiscrete graphics card momory2 GBSupported instruction setsAVX 2.0, SSE4.1, SSE4Discrete graphics card momoryGDDR3Processor codeSFISEOn-board graphics card model *Intel % HD GraphicsIntel % Intel Winduziation Technology forIntel % Intel % Intel Winduziation Technology forOn-board graphics card model *Intel % HD GraphicsIntel % Intel Winduziation Technology forIntel % Intel	
Memory clock speed     1600 MHz     Intel Enhanced Halt State     ✓       Storage     Intel VT.x with Extended Page Table Storage enables     ✓       Total storage capacity*     1 TB     Intel VT.x with Extended Page Table Secure Key     ✓       Number of HDDs installed     1     Intel Secure Key     ✓       Hard drive capacity     1 TB     Intel Clear Video Technology for MID     ×       Optical drive*     DVD Super Multi     Intel Clear Video Technology for MID     ×       Optical drive*     DVD Super Multi     Intel GA     ✓       Card reader integrated     ✓     Execute Disable Bit     ✓       Card reader integrated     SD,DHC     Idle States     ✓       Discrete graphics card model*     NVIDIA® GeForce® GT 740M     Supported instruction sets     AVX 20, SSE4.1, SSE4       Discrete graphics card model*     NVIDIA® GeForce® GT 740M     Supported instruction sets     AVX 20, SSE4.1, SSE4       Discrete graphics card model*     NVIDIA® GeForce® GT 740M     Supported instruction sets     AVX 20, SSE4.1, SSE4       Discrete graphics card model*     Intel® HD Graphics A600     Intel® HD Graphics A600     Intel® HD Graphics A600     Intel® HD Graphics A600       On-board graphics card dromotic     Intel® HD Graphics A600     Intel Wrtualization Technology (T)     ✓       On-board graphics card Momoti     Intel® HD G	
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Storage     Intel VT-x with Extended Page Tables (EFT)     Intel Storage capacity *     1 TB       Storage media *     HDD     Intel Demand Based Switching     ×       Storage media *     HDD     Intel New Secure Key     ✓       Hard drive capacity     1 TB     Intel TSX-N     ×       Hard drive capacity     1 TB     Intel Clear Video Technology for MID     ×       Corpatible memory cards     DVD Super Multi     Intel 6 4     ✓       Card reader integrated     ✓     Execute Disable Bit     ✓       Compatible memory cards     SDDC     Idle States     ✓       Discrete graphics card model *     NVIDIA® GeForce® GT 740M     Supported instruction sets     AVX 2.0, SSE4.1, SSE4       Discrete graphics card memory     2 GB     Supported instruction sets     AVX 2.0, SSE4.1, SSE4       Discrete graphics card family     Intel® HD Graphics     Intel® HD Graphics     ✓       On-board graphics card family     Intel® HD Graphics     Intel® HD Graphics     ✓       On-board graphics card family     Intel® HD Graphics     Intel® HD Graphics     Intel® HD Graphics       On-board graphics card Mariu     Intel® HD Graphics     Intel Vitualization Technology for     ✓       On-board graphics card Mariu     Intel® HD Graphics     Intel Vitualization Technology for     ✓       On-board graphics	
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Front cameraImage: Addition of the second secon	
NetworkNumber of battery cells battery capacity4Wi-Fi✓3000 mAhWi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11g)PowerEthernet LAN connection✓Co-in jack✓Ethernet LAN data rates10,100 Mbit/sSecurity✓Bluetooth×Cable lock slot×Data networkNot supported 10/100/100Base-T(X)WidthWidth4G WiMAX×Width420 mm	
NetworkBattery capacity3000 mAhWi-Fi✓✓PowerWi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11g)Dc-in jack✓Ethernet LAN connection✓DC-in jack✓Ethernet LAN data rates10,100 Mbit/sSecurity✓Bluetooth×Cable lock slot×Data networkNot supportedWeight & dimensions✓Cabling technology10/100/1000Base-T(X)Width420 mm	
Wi-Fi✓PowerWi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11n)DC-in jackC-in jackEthernet LAN connection✓DC-in jack✓Ethernet LAN data rates10,100 Mbit/sSecurity✓Bluetooth×Cable lock slot×Data networkNot supportedWeight & dimensions✓Cabling technology10/100/1000Base-T(X)Width420 mm	
Wi-Fi standards802.11b, 802.11g, Wi-Fi 4 (802.11n)DC-in jackImage: Comparison of the comparison	
Ethernet LAN connection     Image: Connection       Ethernet LAN data rates     10,100 Mbit/s       Bluetooth     X       Data network     Not supported       Cabling technology     10/100/1000Base-T(X)       4G WiMAX     X	
Bluetooth     ×     Cable lock slot     ×       Data network     Not supported     Weight & dimensions       Cabling technology     10/100/1000Base-T(X)     Width     420 mm	
Data network     Not supported       Cabling technology     10/100/1000Base-T(X)       4G WiMAX     X	
Cabling technology 10/100/1000Base-T(X) Width 420 mm	
Cabling technology 10/100/1000Base-T(X) Width 420 mm	
4G WIMAX X	
Depth 282 mm	
Ports & interfaces Height (front) 3.46 cm	
USB 2.0 ports quantity * 2 Height (rear) 3.86 cm	
UISP 2 Con 1 (21 Con 1) Type A Weight * 31 kg	
ports quantity * 2 Other features	
Ethernet LAN (RJ-45) ports 1	
HDMI ports quantity * 1 3D compatibility X	
DVI port X	

VGA (D-Sub) ports quantity

1

**Catalog Object Cloud** 



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