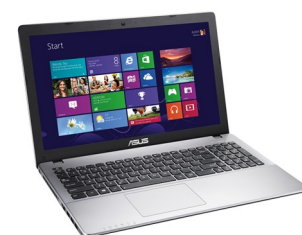


ASUS X550JK-DH71 Intel® Core™ i7 i7-4710HQ Laptop 39.6 cm (15.6") Full HD 8 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 850M Windows 8.1 Grey



Brand : ASUS

Product code: 90NB0682-M01460

Product name : X550JK-DH71

Intel Core i7-4710HQ (2.5GHz, 6M Cache), 8GB DDR3, 1000GB HDD, Intel HD Graphics 4600 + NVIDIA GeForce GTX 850M, Gigabit Ethernet, WLAN 802.11 b/g/n, WebCam, Windows 8.1
 ASUS X550JK-DH71. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4710HQ, Processor frequency: 2.5 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8.1. Product colour: Grey

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Grey	Numeric keypad *	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Operating system installed *	Windows 8.1
Touchscreen *	✗	Processor special features	
HD type	Full HD	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✗
Native aspect ratio	16:9	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor generation	4th gen Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor model *	i7-4710HQ	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	4	Intel Clear Video Technology	✗
Processor threads	8	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.5 GHz	Intel® Insider™	✓
Processor frequency *	2.5 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel Flex Memory Access	✗
Processor cache	6 MB	Intel® Smart Cache	✓
Processor cache type	Smart Cache		
Processor socket	BGA 1364		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-4700 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		

Processor		Processor special features	
FSB Parity	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
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 Demand Based Switching	✗
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel TSX-NI	✗
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory		Intel 64	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Internal memory type	DDR3-SDRAM	Idle States	✓
Memory slots	1x SO-DIMM	Thermal Monitoring Technologies	✓
Storage		Processor package size	37.5 x 32 x 1.6 mm
Total storage capacity *	1 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	HDD	Processor code	SR1PX
Number of HDDs installed	1	CPU configuration (max)	1
HDD interface	SATA	Embedded options available	✗
Optical drive type *	DVD Super Multi	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1.00
Compatible memory cards	SD, SDHC, SDXC	Intel Secure Key Technology version	1.00
Graphics		Intel TSX-NI version	0.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 850M	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Dual Display Capable Technology	✗
Discrete graphics card *	✓	Intel FDI Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 4600	Intel Fast Memory Access	✗
On-board graphics card base frequency	400 MHz	Processor ARK ID	78930
On-board graphics card dynamic frequency (max)	1200 MHz	Conflict-Free processor	✓
Maximum on-board graphics card memory	1.74 GB	Battery	
On-board graphics card DirectX version	12.0	Number of battery cells	4
On-board graphics card OpenGL version	4.3	Battery capacity *	44 Wh
On-board graphics card ID	0x416	Power	
Audio		AC adapter power	120 W
Audio system	SonicMaster	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current	3.42 A
Front camera	✓	AC adapter output voltage	19 V
Network		DC-in jack	✓
Wi-Fi	✓	Security	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot	✓
Ethernet LAN	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection	✓
Bluetooth	✓	Password protection type	BIOS, User
Bluetooth version	4.0	Weight & dimensions	
Ports & interfaces		Width	380 mm
USB 2.0 ports quantity *	1	Depth	251 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height (front)	2.92 cm
Ethernet LAN (RJ-45) ports	1	Height (rear)	3.17 cm
HDMI ports quantity *	1	Weight *	2.45 kg
DVI port	✗		

Ports & interfaces		Other features	
VGA (D-Sub) ports quantity	1	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
S/PDIF out port	×		
Microphone in	×		
Combo headphone/mic port	✓		
Docking connector	×		
ExpressCard slot	×		
CardBus PCMCIA slot type	×		
SmartCard slot	×		

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