

ASUS N550JK-DS521H laptop Intel® Core™ i7 i7-4710HQ 39.6 cm (15.6") Touchscreen 4K Ultra HD 16 GB DDR3L-SDRAM 256 GB SSD NVIDIA® GeForce® GTX 850M Windows 8.1 Grey, Silver

Brand : ASUS

Product code: N550JK-DS521H

Product name : N550JK-DS521H

Intel core i7-4710HQ (2.5GHz, 6M Cache), 16GB DDR3, 256GB SSD, Intel HD Graphics 4600 + NVIDIA GeForce GTX 850M, Gigabit Ethernet, WLAN 802.11 b/g/n, WebCam, Windows 8.1
ASUS N550JK-DS521H. 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: 4K Ultra HD, Display resolution: 3840 x 2160 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Operating system installed: Windows 8.1. Product colour: Grey, Silver



Design		Performance	
Product type *	Laptop	Motherboard chipset	Intel® HM86
Product colour *	Grey, Silver	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	39.6 cm (15.6")	Windows keys	✓
Display resolution *	3840 x 2160 pixels	Software	
Touchscreen *	✓	Operating system installed *	Windows 8.1
HD type	4K Ultra HD	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✗
Display surface	Matt	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		
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		

Processor		Processor special features	
Bus type	DMI2	Intel® Smart Cache	✓
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 *	16 GB	Execute Disable Bit	✓
Internal memory type	DDR3L-SDRAM	Idle States	✓
Memory clock speed	1600 MHz	Thermal Monitoring Technologies	✓
Maximum internal memory *	16 GB	Processor package size	37.5 x 32 x 1.6 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	256 GB	Processor code	SR1PX
Storage media *	SSD	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 *	DVD Super Multi	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	MMC, SD, SDXC	Intel TSX-NI version	0.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 850M	Intel Dual Display Capable Technology	✗
Discrete graphics memory type	GDDR3	Intel FDI Technology	✓
On-board graphics card *	✓	Intel Rapid Storage Technology	✗
Discrete graphics card *	✓	Intel Fast Memory Access	✗
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	78930
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	Battery technology	Lithium Polymer (LiPo)
Maximum on-board graphics card memory	1.74 GB	Number of battery cells	4
On-board graphics card DirectX version	12.0	Power	
On-board graphics card OpenGL version	4.3	AC adapter power	120 W
On-board graphics card ID	0x416	AC adapter output voltage	19 V
Audio		DC-in jack	✓
Audio system	SonicMaster Premium	Security	
Number of built-in speakers	4	Cable lock slot	✓
Speakers manufacturer	Bang & Olufsen	Cable lock slot type	Kensington
Built-in microphone	✓	Certificates	
Camera		Compliance certificates	RoHS
Front camera	✓	Certification	UL, TUV, MIC, CE Marking Compliance, FCC Compliance, BSMI, CCC, GOST-R, CB, EPEAT, Energy star, IDA, CECP, WEEE, Erp 2013, RoHS, JATE
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	ENERGY STAR
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✓	Width	383 mm
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		

Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Depth	255 mm
HDMI ports quantity *	1	Height	27.7 mm
Mini DisplayPorts quantity	1	Weight *	2.6 kg
DVI port	✗	Packaging content	
S/PDIF out port	✗	AC adapter included *	✓
Microphone in	✗	Other features	
Combo headphone/mic port	✓	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		

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