

ASUS N550JK-CM396H Intel® Core™ i7 i7-4710HQ Laptop 39,6 cm (15.6") Touchscreen Full HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 850M Wi-Fi 4 (802.11n) Windows 8.1 Grey, Stainless steel



Brand : ASUS

Product code: 90NB04L1-M04950

Product name : N550JK-CM396H

Intel Core i7-4710HQ (6M Cache, 2.5GHz), 8GB DDR3L 1600 MHz SDRAM, 1000GB HDD, 15.6" Full HD 1920 x 1080 Touch, NVIDIA GeForce GTX 850M 4GB DDR3 VRAM, HD Web Camera, Gigabit Ethernet, Windows 8.1 64-bit

ASUS N550JK-CM396H. 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, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. Operating system installed: Windows 8.1. Product colour: Grey, Stainless steel

Design		Ports & interfaces	
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Grey, Stainless steel	Docking connector	✗
Form factor *	Clamshell	ExpressCard slot	✗
Display		CardBus PCMCIA slot type	✗
Touchscreen type	Capacitive	SmartCard slot	✗
Display diagonal *	39,6 cm (15.6")	Performance	
Display resolution *	1920 x 1080 pixels	Motherboard chipset	Intel® HM86
Touchscreen *	✓	Keyboard	
HD type	Full HD	Pointing device	Touchpad
Touch technology	Multi-touch	Numeric keypad *	✓
LED backlight	✓	Full-size keyboard	✓
Native aspect ratio	16:9	Windows keys	✓
Display surface	Matt	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 8.1
Processor family *	Intel® Core™ i7	Processor special features	
Processor generation	4th gen Intel® Core™ i7	Intel® Wireless Display (Intel® WiDi)	✓
Processor model *	i7-4710HQ	Intel® My WiFi Technology (Intel® MWT)	✗
Processor cores	4	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	3,5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	2,5 GHz	Intel® Turbo Boost Technology	2.0
System bus rate	5 GT/s		
Processor cache	6 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1364		
Processor lithography	22 nm		
Processor operating modes	64-bit		

Processor		Processor special features	
Processor series	Intel Core i7-4700 Mobile series	Enhanced Intel SpeedStep Technology	✓
Processor codename	Haswell	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Bus type	DMI2	Intel Clear Video Technology	✗
FSB Parity	✗	Intel® InTru™ 3D Technology	✓
Stepping	C0	Intel® Insider™	✓
Thermal Design Power (TDP)	47 W	Intel® Quick Sync Video Technology	✓
Tjunction	100 °C	Intel Flex Memory Access	✗
Maximum number of PCI Express lanes	16	Intel® Smart Cache	✓
PCI Express slots version	3.0	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Trusted Execution Technology	✗
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	8 GB	Intel Demand Based Switching	✗
Internal memory type	DDR3L-SDRAM	Intel® Secure Key	✓
Memory clock speed	1600 MHz	Intel TSX-NI	✗
Maximum internal memory *	16 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage		Intel 64	✓
Total storage capacity *	1 TB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
HDD capacity	1 TB	Processor package size	37.5 x 32 x 1.6 mm
Optical drive type *	Blu-Ray DVD Combo	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Card reader integrated	✓	Processor code	SR1PX
Compatible memory cards	MMC, SD, SDXC	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® GTX 850M	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	4 GB	Intel Identity Protection Technology version	1,00
Discrete graphics memory type	GDDR3	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel TSX-NI version	0,00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card model *	Intel® HD Graphics 4600	Intel FDI Technology	✓
On-board graphics card base frequency	400 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1200 MHz	Intel Fast Memory Access	✗
Maximum on-board graphics card memory	1,74 GB	Processor ARK ID	78930
On-board graphics card DirectX version	12.0	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.3	Power	
On-board graphics card ID	0x416	AC adapter power	120 W
Audio		AC adapter output voltage	19 V
Audio system	SonicMaster Premium	DC-in jack	✓
Number of built-in speakers	4	Security	
Speakers manufacturer	Bang & Olufsen	Cable lock slot	✓
Built-in microphone	✓	Cable lock slot type	Kensington
Camera		Certificates	
Front camera	✓	Compliance certificates	RoHS
Network			
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)		
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		

Network		Certificates	
Bluetooth version	4.0	Certification	UL, TUV, MIC, CE Marking Compliance, FCC Compliance, BSMI, CCC, GOST-R, CB, EPEAT, Energy star, IDA, CECP, WEEE, Erp 2013, RoHS, JATE
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		
Ethernet LAN (RJ-45) ports	1	Sustainability	
HDMI ports quantity *	1	Sustainability certificates	ENERGY STAR
Mini DisplayPorts quantity	1	Weight & dimensions	
DVI port	✗	Width	383 mm
S/PDIF out port	✗	Depth	255 mm
Microphone in	✗	Height	27,7 mm
		Weight *	2,6 kg
Other features			
3D			✗



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