

ASUS N550JV-CN240H laptop Intel® Core™ i7 i7-4700HQ 39,6 cm (15.6") HD 16 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GT 750M Windows 8 Grey, Silver

Brand : ASUS

Article code: N550JV-CN240H

Product name : N550JV-CN240H

ASUS N550JV-CN240H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4700HQ, Processor frequency: 2,4 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 16 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. Product color: 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")	Full-size keyboard	✓
Display resolution *	1366 x 768 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	HD	Drivers included	✓
LED backlight	✓	Operating system installed *	Windows 8
Native aspect ratio	16:9	Processor special features	
Processor		Intel® Wireless Display (Intel® WiDi)	✓
Processor manufacturer *	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
Processor family *	Intel® Core™ i7	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i7-4700HQ	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	4	Intel® Turbo Boost Technology	2.0
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.4 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2.4 GHz	Intel Clear Video Technology	✗
Processor cache	6 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Insider™	✓
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		
FSB Parity	✗		

Processor		Processor special features	
Stepping	C0	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	47 W	Intel Flex Memory Access	✗
Tjunction	100 °C	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✗
PCI Express slots version	3.0	Intel Enhanced Halt State	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✗	Intel Demand Based Switching	✗
Memory		Intel® Secure Key	✓
Internal memory *	16 GB	Intel TSX-NI	✗
Internal memory type	DDR3-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory clock speed	1600 MHz	Intel 64	✓
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	37.5 x 32 x 1.6 mm
Number of HDDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD capacity	1 TB	Processor code	SR15E
HDD speed	5400 RPM	CPU configuration (max)	1
Optical drive type *	DVD Super Multi	Embedded options available	✗
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	MMC, SD, SDHC	Intel Identity Protection Technology version	1.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GT 750M	Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Intel Dual Display Capable Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel FDI Technology	✓
On-board graphics card model *	Intel® HD Graphics 4600	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	400 MHz	Intel Fast Memory Access	✗
On-board graphics card dynamic frequency (max)	1200 MHz	Processor ARK ID	75116
Maximum on-board graphics card memory	1.74 GB	Conflict-Free processor	✓
On-board graphics card DirectX version	11.2/12	Power	
On-board graphics card ID	0x416	AC adapter power	120 W
Audio		AC adapter frequency	50 - 60 Hz
Audio system	SonicMaster Premium	AC adapter input voltage	100 - 240 V
Number of built-in speakers	4	AC adapter output voltage	19 V
Speakers manufacturer	Bang & Olufsen	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Cable lock slot	✓
Front camera	✓	Cable lock slot type	Kensington
Network		Certificates	
Wi-Fi	✓	Compliance certificates	RoHS
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Certification	UL, TUV, MIC, CE Marking Compliance, FCC Compliance, BSMI, CCC, GOST-R, CB, EPEAT, Energy star, IDA, CECP, WEEE, Erp 2013, RoHS, JATE
Ethernet LAN	✓	Sustainability	
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	ENERGY STAR
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	383 mm
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
Mini DisplayPorts quantity	1		

Ports & interfaces		Weight & dimensions	
DVI port	×	Depth	255 mm
S/PDIF out port	×	Height	27.7 mm
Microphone in	×	Weight *	2.6 kg
Combo headphone/mic port	✓	Other features	
Docking connector	×	3D	×
ExpressCard slot	×		
CardBus PCMCIA slot type	×		
SmartCard slot	×		



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