

## ASUS N751JX-T4124H notebook i7-4720HQ 43.9 cm (17.3") Full HD Intel® Core™ i7 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 950M Windows 8.1 Aluminium, Silver



Brand : ASUS

Product code: N751JX-T4124H

Product name : N751JX-T4124H

17", 1920x1080, Intel Core i7-4720HQ, 6MB Cache, 2.6GHz, 8GB SDRAM, 1000GB HDD, DVD+/-RW, Intel HD Graphics 4600 + NVIDIA GeForce GTX 950M, 4x USB 3.0, HDMI, Mini DP, WLAN, Gigabit Ethernet, Bluetooth 4.0, Windows 8.1

ASUS N751JX-T4124H. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-4720HQ, Processor frequency: 2.6 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 8.1. Product colour: Aluminium, Silver



Design		Keyboard	
Product type *	Notebook	Pointing device	Touchpad
Product colour *	Aluminium, Silver	Numeric keypad *	✓
Form factor *	Clamshell	Full-size keyboard	✓
Housing material	Aluminium	<b>Software</b>	
Market positioning	Multimedia	Operating system architecture	64-bit
<b>Display</b>		Operating system installed *	Windows 8.1
Display diagonal *	43.9 cm (17.3")	<b>Processor special features</b>	
Display resolution *	1920 x 1080 pixels	Intel Wireless Display (WiDi) Technology	✓
HD type	Full HD	Intel My WiFi Technology	✗
LED backlight	✓	Intel Smart Connect Technology	✗
Native aspect ratio	16:9	Intel Anti-Theft Technology	✓
Display surface	Matt	Intel® Rapid Start Technology	✗
<b>Processor</b>		Intel® Smart Response Technology	✗
Processor manufacturer *	Intel	Intel Identity Protection Technology	✓
Processor generation	4th gen Intel® Core™ i7	Intel Hyper-Threading Technology	✓
Processor family *	Intel® Core™ i7	Intel Turbo Boost Technology	✗
Processor *	i7-4720HQ	Intel® Small Business Advantage (Intel® SBA)	✗
Processor frequency *	2.6 GHz	Intel Matrix Storage Technology	✗
Processor boost frequency	3.6 GHz	Intel HD Audio Technology	✗
Processor threads	8	Intel Active Management Technology	✗
System bus data transfer rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor number of cores	4	Intel Clear Video HD Technology	✓
Processor cache	6 MB	Intel Clear Video Technology	✗
Processor cache type	L3	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1364	Intel® Insider™	✓
Processor lithography	22 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✗
Processor series	Intel Core i7-4700 Mobile series	Intel® Smart Cache	✓
Processor codename	Haswell	Intel AES New Instructions	✓
Bus type	DMI2	Intel Trusted Execution Technology	✗
FSB Parity	✗	Intel Enhanced Halt State	✓
Stepping	C0	Intel VT-x with Extended Page Tables (EPT)	✓
Motherboard chipset	Intel® HM86		
Thermal Design Power (TDP)	47 W		
Tjunction	100 °C		

Processor		Processor special features	
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 MID	✗
<b>Memory</b>		Intel 64	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Internal memory type	DDR3L-SDRAM	Idle States	✓
Memory clock speed	1600 MHz	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	37.5 x 32 x 1.6 mm
Maximum internal memory *	16 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
<b>Storage</b>		Processor code	SR1Q8
Total storage capacity *	1 TB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of hard drives installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive capacity	1 TB	Intel Identity Protection Technology version	1.00
Hard drive interface	SATA III	Intel Secure Key Technology version	1.00
Hard drive rotational speed	7200 RPM	Intel TSX-NI version	0.00
Hard drive size	2.5"	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	DVD±RW	Intel Dual Display Capable Technology	✗
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	MMC, SD	Intel Rapid Storage Technology	✗
<b>Graphics</b>		Intel Fast Memory Access	✗
Discrete graphics card model *	NVIDIA® GeForce® GTX 950M	Processor ARK ID	78934
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	<b>Battery</b>	
On-board graphics card family	Intel® HD Graphics	Number of battery cells	6
On-board graphics card model *	Intel® HD Graphics 4600	Battery performance	5200 mAh
On-board graphics card base frequency	400 MHz	Battery capacity *	56 Wh
On-board graphics card dynamic frequency (max)	1200 MHz	<b>Energy Management</b>	
Maximum on-board graphics card memory	1.74 GB	AC adapter power	120 W
On-board graphics card DirectX version	11.2/12	AC adapter frequency	50 - 60 Hz
On-board graphics card OpenGL version	4.3	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x416	AC adapter output voltage	19 V
Discrete graphics card memory	2 GB	<b>Security</b>	
<b>Audio</b>		Cable lock slot	✓
Audio system	SonicMaster Premium	Cable lock slot type	Kensington
Built-in microphone	✓	Password protection	✓
<b>Camera</b>		Password protection type	BIOS, HDD, User
Front camera	✓	<b>Certificates</b>	
<b>Network</b>		Certification	UL, TUV, MIC, CE Marking Compliance, BSMI, Australia C-TICK / NZ A-Tick Compliance, CCC, GOST-R, CB, EPEAT, EU Flower, CECP, WEEE, Erp 2013, JATE
Wi-Fi	✓	<b>Sustainability</b>	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Sustainability certificates	RoHS, ENERGY STAR
Ethernet LAN connection	✓	<b>Weight &amp; Dimensions</b>	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width	415 mm
Bluetooth	✓	Depth	280 mm
<b>Ports &amp; interfaces</b>		Weight *	3.4 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	<b>Other features</b>	
Ethernet LAN (RJ-45) ports quantity	1	Intel Virtualization Technology	VT-d, VT-x
HDMI ports quantity *	1		
Mini DisplayPort quantity	1		
DVI port	✗		
Headphone outputs	1		

## Ports & interfaces

S/PDIF out port	✘
Microphone in	✔
Docking connector	✘
Charging port type	DC-in jack
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘

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