

ASUS X751SJ-TY010T Intel® Pentium® N3700 Laptop 17.3" HD+ 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® 920M Windows 10 White

Brand : ASUS

Article code: 90NB07S2-M00360

Product name : X751SJ-TY010T

Intel Pentium N3700 (1.6GHz, 2MB Cache), 8GB DDR3L, 1000GB HDD, Intel HD Graphics, WLAN 802.11 b/g/n, Gigabit Ethernet, Windows 10

ASUS X751SJ-TY010T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Pentium®, Processor model: N3700, Processor frequency: 1.6 GHz. Display diagonal: 17.3", HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 10. Product color: White



Design		Keyboard	
Product type *	Laptop	Full-size keyboard	✓
Product color *	White	Windows keys	✓
Form factor *	Clamshell		
Display		Software	
Display diagonal *	17.3"	Operating system architecture	64-bit
Display resolution *	1600 x 900 pixels	Operating system installed *	Windows 10
Touchscreen *	✗		
HD type	HD+		
LED backlight	✓		
Native aspect ratio	16:9		
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Pentium®	Intel Smart Connect Technology	✗
Processor model *	N3700	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor cores	4	Intel® Smart Response Technology	✗
Processor threads	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	2.4 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor frequency *	1.6 GHz	Intel® Turbo Boost Technology	✗
System bus rate	2.5 GT/s	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cache	2 MB	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor cache type	L2	Enhanced Intel SpeedStep Technology	✓
Processor socket	BGA 1170	Intel® Pro Wireless Display (Intel® Pro WiDi)	✓
Processor lithography	14 nm	Intel® Built-in Visuals Technology	✓
Processor operating modes	64-bit	Intel HD Graphics	✓
Processor series	Intel® Pentium N3000 Series for Mobile	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Braswell	Intel Clear Video Technology	✓
Stepping	C0	Intel® InTru™ 3D Technology	✗
Thermal Design Power (TDP)	6 W	Intel® Insider™	✗
Scenario Design Power (SDP)	4 W	Intel® Quick Sync Video Technology	✓
Tjunction	90 °C	Intel® Smart Cache	✗
Maximum number of PCI Express lanes	4		
PCI Express slots version	2.0		

Processor		Processor special features	
PCI Express configurations	1x2, 1x4, 2x2, 2x1, 4x1	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
Memory		Intel Enhanced Halt State	✓
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR3L-SDRAM	Intel® Secure Key	✓
Memory clock speed	1600 MHz	Intel Stable Image Platform Program (SIPP)	✗
Memory slots	1x SO-DIMM	Intel® OS Guard	✗
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Total storage capacity *	1 TB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✓
Optical drive type *	DVD Super Multi	Processor package size	25 x 27 mm
Card reader integrated	✓	Processor code	SR29E
Compatible memory cards	SD	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® 920M	UART	✓
On-board graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card *	✓	Intel Secure Boot	✓
On-board graphics card family	Intel® HD Graphics	Intel Smart Connect Technology version	0.00
On-board graphics card model *	Intel® HD Graphics	Intel Identity Protection Technology version	1.00
On-board graphics card base frequency	400 MHz	Intel Smart Response Technology version	0.00
On-board graphics card burst frequency	700 MHz	Intel Secure Boot Technology version	1.00
Maximum on-board graphics card memory	8 GB	Intel Stable Image Platform Program (SIPP) version	0.00
Number of execution units	16	Intel Secure Key Technology version	1.00
On-board graphics card DirectX version	✓	Intel Small Business Advantage (SBA) version	0.00
Graphics card Open GL support	✓	Intel Virtualization Technology (VT-x)	✓
Audio		Intel Rapid Storage Technology	✗
Audio system	SonicMaster Lite	Processor ARK ID	87261
Built-in microphone	✓	Conflict-Free processor	✓
Camera		Integrated 4G WiMAX	✗
Front camera	✓	Battery	
Network		Battery capacity	2600 mAh
Wi-Fi	✓	Power	
Wi-Fi standards	802.11g, 802.11b, Wi-Fi 4 (802.11n)	AC adapter power	65 W
Ethernet LAN	✓	DC-in jack	✓
Ethernet LAN data rates	10,1000,100 Mbit/s	Security	
Bluetooth	✓	Cable lock slot	✓
Bluetooth version	4.0	Cable lock slot type	Kensington
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	2	Width	16.3" (415 mm)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Depth	10.7" (272 mm)
Ethernet LAN (RJ-45) ports	1	Height	1.18" (30 mm)
DVI port	✗	Weight *	6.17 lbs (2.8 kg)
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		

Ports & interfaces

SmartCard slot	✗
Total number of SATA connectors	2
Number of SATA III connectors	2

Keyboard

Pointing device	Touchpad
Numeric keypad *	✓



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