

ASUS X455LJ-WX321T laptop Intel® Core™ i3 i3-5010U 35.6 cm (14") 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 920M Windows 10 Home Blue, Silver



Brand : ASUS

Product code: X455LJ-WX321T

Product name : X455LJ-WX321T

Intel Core i3-5010U (2.1GHz, 3M Cache), 4GB DDR3, 500GB HDD, Intel HD Graphics 5500 + NVIDIA GeForce 920M, Super Multi DVD, Ethernet, WebCam, Windows 10
ASUS X455LJ-WX321T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-5010U, Processor frequency: 2.1 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 5500. Operating system installed: Windows 10 Home. Product color: Blue, Silver

Design		Software	
Product type *	Laptop	Operating system installed *	Windows 10 Home
Product color *	Blue, Silver	Processor special features	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35.6 cm (14")	Intel® My WiFi Technology (Intel® MWT)	✗
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✗
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	✗
Processor family *	Intel® Core™ i3	Intel® Small Business Advantage (Intel® SBA)	✓
Processor generation	5th gen Intel® Core™ i3	Enhanced Intel SpeedStep Technology	✓
Processor model *	i3-5010U	Intel® Built-in Visuals Technology	✓
Processor cores	2	Intel HD Graphics	✓
Processor threads	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2.1 GHz	Intel Clear Video Technology	✓
System bus rate	5 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	3 MB	Intel® Insider™	✓
Processor cache type	L3	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1168	Intel Flex Memory Access	✓
Processor lithography	14 nm	Intel® Smart Cache	✗
Processor operating modes	32-bit, 64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor series	Intel Core i3-5000 Mobile series	Intel Trusted Execution Technology	✗
Processor codename	Broadwell	Intel Enhanced Halt State	✓
Bus type	DMI2	Intel VT-x with Extended Page Tables (EPT)	✓
FSB Parity	✗		
Stepping	F0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.6 GHz		
Tjunction	105 °C		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express slots version	2.0	Intel Demand Based Switching	✗
PCI Express configurations	2x4, 4x1	Intel® Secure Key	✓
ECC supported by processor	✗	Intel TSX-NI	✗
Memory		Intel Stable Image Platform Program (SIPP)	✗
Internal memory *	4 GB	Intel® OS Guard	✓
Internal memory type	DDR3L-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	1600 MHz	Intel 64	✓
Maximum internal memory *	8 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	500 GB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	40 x 24x 1.3 mm
Number of HDDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD capacity	500 GB	Processor code	SR23Z
Optical drive type *	DVD Super Multi	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✓
Compatible memory cards	SD, SDHC, SDXC	Graphics & IMC lithography	14 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	NVIDIA® GeForce® 920M	Intel Identity Protection Technology version	1.00
Discrete graphics card memory	2 GB	Intel Smart Response Technology version	1.00
Discrete graphics memory type	GDDR3	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card *	✓	Intel Secure Key Technology version	1.00
Discrete graphics card *	✓	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	0.00
On-board graphics card model *	Intel® HD Graphics 5500	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	300 MHz	Intel Dual Display Capable Technology	✗
On-board graphics card dynamic frequency (max)	900 MHz	Intel FDI Technology	✓
Maximum on-board graphics card memory	16 GB	Intel Rapid Storage Technology	✗
On-board graphics card DirectX version	11.2	Intel Fast Memory Access	✓
On-board graphics card OpenGL version	4.3	Processor ARK ID	84697
On-board graphics card ID	0x1616	Conflict-Free processor	✓
Graphics card Open GL support	✓	Battery	
Audio		Battery technology	Lithium Polymer (LiPo)
Audio system	SonicMaster	Number of battery cells	2
Built-in microphone	✓	Battery capacity *	37 Wh
Camera		Power	
Front camera	✓	AC adapter power	65 W
Network		AC adapter frequency	50 - 60 Hz
Ethernet LAN	✓	AC adapter input voltage	100 - 240 V
Ethernet LAN data rates	10,1000,100 Mbit/s	AC adapter output current	3.42 A
Ports & interfaces		AC adapter output voltage	19 V
USB 2.0 ports quantity *	2	DC-in jack	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Security	
Ethernet LAN (RJ-45) ports	1	Cable lock slot	✓
HDMI ports quantity *	1	Cable lock slot type	Kensington
DVI port	✗	Password protection	✓
VGA (D-Sub) ports quantity	1	Password protection type	HDD, User, BIOS
S/PDIF out port	✗	Weight & dimensions	
Microphone in	✗	Width	348 mm
Combo headphone/mic port	✓	Depth	242.8 mm
Docking connector	✗		

Ports & interfaces		Weight & dimensions	
ExpressCard slot	✗	Height	25.6 mm
CardBus PCMCIA slot type	✗	Weight *	2.1 kg
SmartCard slot	✗		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		

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