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	Intel® Wireless Display (Intel® WiDi)	✓
Display		· ·	
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	✓		X
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer * Processor family *	Intel Intel® Core™ i3	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	5th gen Intel® Core™ i3	Intel® Turbo Boost Technology	×
Processor model *	i3-5010U	Intel® Small Business Advantage	
Processor cores	2	(Intel® SBA)	✓
Processor threads	4	Enhanced Intel SpeedStep	/
Processor frequency *	2.1 GHz	Technology	•
System bus rate	5 GT/s	Intel® Built-in Visuals Technology	✓
Processor cache	3 MB	Intel HD Graphics	✓
Processor cache type	L3	Intel® Clear Video HD Technology	/
Processor socket	BGA 1168	(Intel® CVT HD)	
Processor lithography	14 nm	Intel Clear Video Technology	✓
Processor operating modes	32-bit, 64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i3-5000 Mobile series	Intel® Insider™	✓
Processor codename	Broadwell	Intel® Quick Sync Video Technology	· 🗸
Bus type	DMI2	Intel Flex Memory Access	1
FSB Parity	×	Intel® Smart Cache	X
Stepping	F0		
Thermal Design Power (TDP)	15 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down	10 W 0.6 GHz	Intel Trusted Execution Technology	×
Configurable TDP-down frequency		Intel Enhanced Halt State	1
Tjunction	105 °C	Intel VT-x with Extended Page	-
Maximum number of PCI Express lanes	12	Tables (EPT)	✓

PCE Express civity version 2.44, 4x1 Intel 9 Secure Key ✓ PCE Express configurations 2x4, 4x1 Intel 9 Secure Key ✓ ECC supported by processor X Intel 15x-MI X Memory 4 GB Intel 15x-MI Intel 15x-MI X Internal memory bye 1600 MNz Intel 0 Gear Video Technology for Mobile Internet Devices (Intel CVT Video Mobile Internet Devices (Intel CVT Video Mobile Internet Devices (Intel CVT Video Technology for Mobile Internet Devices (Intel CVT Video Mobile Intel CVT Video Mobile Intel Color Video Mobile Intel CVT Video M	PCE Express solds version 2.0 Intel® Secure Rey / PCE Express configurations 2x4, 4x1 Intel® Secure Rey / EC cauporated by processor X Intel® Stable Image Relation Program (and intell Stable Image Relation Program (and					
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Internal memory	Internal memory	· =		Intel® Secure Key	V	
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Intel® (Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) Maximum internal memory ** 8 GB 1000 MHz Mobile Internet Devices (Intel CVT for MID) Mobile Intel® (Intel® (Intel® For MID) Mobile Intel® (Intel® For MID) Mobile Intel	Maximum internal memory yes Maximum internal memory 6 GB Maximum internal memory 7 GP M	•			✓	
Maximum Internal memory	Maximum internal memory	, ,,				
Storage	Storage Intel 64 Formation Formati	·		•	✓	
Storage capacity* S00 GB	Storage capacity Storage media HDD Hdls States V	•		,	1	
Number of HDDs installed	MDD	-	500 GB			
Number of HDDs installed	Number of HDDs installed 1					
HDD capacity Soo GB Processor package size AV x 24x 1.3 mm Optional drive type * OPV Super Multi Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Card reader integrated V	HDD capacity DVD Super Multi Supported instruction sets AVX 2.0, SSE4.1, SSE4.2	•				
Optical drive type * OPV Super Multi Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Card reader integrated Y Processor code SR23Z Compabition memory cards SD, SDHC, SDXC CPL configuration (max) 1 Discrete graphics card model ** Discrete graphics card memory Discrete graphics memory type NVIDIA® GeForce® 920M Graphics (in It Michigana) 4 Discrete graphics card memory Discrete graphics memory type GDDR3 Intel Michigana (in It Virtualization Technology or Version or Version 1.00 Discrete graphics card family On-board graphics card family On-board graphics card manily On-board graphics card family on-board graphics card family on-board graphics card base frequency Intel® HD Graphics in Intel® HD Graphics and Open (intel® HD Graphics in Intel® HD G	Optical drive type * DVD Super Multi Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Card reader integrated Y Processor code SR322 Card reader integrated SD, SDNC, SDXC Processor code SR322 Fraphics WNIDIA® GeForce® 920M Embedded options available Y Discrete graphics card memory type MVIDIA® GeForce® 920M Intel Mintry Protection Technology for Directed I/O (VT-d) Y On-board graphics card ard memory Intel Gently Protection Technology (VT-certain) 1.00 On-board graphics card family Intel® HD Graphics Intel Stable Image Platform Program (SIPP) version 0.00 On-board graphics card damic frequency 300 MHz Intel® Stable Image Platform Program (SIPP) version 1.00 On-board graphics card dynamic frequency (max) 300 MHz Intel® Stable Image Platform Program (SIPP) version 1.00 Maximum on-board graphics card Memory 15 GB Intel® Stable Mage Platform Program (SIPP) version 1.00 Maximum on-board graphics card Open GL 4.3 Intel® Stable Mage Platform Program (SIPP) version 1.00 Graphics card Open GL support 4.3 Intel® Stable Mage Platform Program (HDD capacity	500 GB	5		
Compatible memory cards SD, SDHC, SDXC CPU configuration (max) I 1 The standard of the sta	Compatible memory cards SD, SDHC, SDXC CPU configuration (max) Embedded options available Fembedded	Optical drive type *	DVD Super Multi			
Secretic graphics card model	Caraphics	Card reader integrated	✓	Processor code	SR23Z	
Discrete graphics card model Discrete graphics card memory Discrete graphics card memory Discrete graphics card memory Discrete graphics card GDDR3 Intel Virtualization Technology for Directed graphics card On-board graphics card V	Discrete graphics card model * Discrete graphics card memory 2 GB Intel Virtualization Technology for On-board graphics card *	Compatible memory cards	SD, SDHC, SDXC	CPU configuration (max)	1	
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Discrete graphics memory type On-board graphics card * Orboard graphics card * Orboard graphics card mily On-board graphics card model* On-board graphics card dase frequency On-board graphics card dase frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX version On-board graphics card OpenGL version On-board graphics card DirectX version On-board graphics card version	Discrete graphics memory type On-board graphics card * Oiscrete graphics card * Oiscrete graphics card and the Board graphics card half graphics should be been designed by the Board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card graphics card max Maximum on-board graphics card graphics card memory On-board graphics card DirectX version On-b	Discrete graphics card model *	NVIDIA® GeForce® 920M	- · ·	14 nm	
On-board graphics card *	On-board graphics card* / Intel Identity Protection Technology 1.00 Discrete graphics card* / Intel Smart Response Technology 1.00 On-board graphics card family Intel® HD Graphics Intel Smart Response Technology 0.00 On-board graphics card base frequency 300 MHz Intel Stable Image Platform Program (SIPP) version 1.00 On-board graphics card dynamic frequency (max) 900 MHz Intel Small Business Advantage (SIA) version 1.00 Maximum on-board graphics card DirectX version 16 GB Intel TSX-MI version 0.00 On-board graphics card DirectX version 11.2 Intel Direct/ Intel Dial Display Capable Technology (VT- Varion) Varion On-board graphics card DenGL 4.3 Intel FDI Technology Varion On-board graphics card OpenGL 4.3 Intel FDI Technology Varion Graphics card OpenGL support V Intel Bast Memory Access V Audio SonicMaster Conflict-Free processor V Audio system SonicMaster Conflict-Free processor V Front camera V Battery 37 Wh	- ·		3,	✓	
Discrete graphics card *	Discrete graphics card *	- ' ' '			1.00	
On-board graphics card family Intel® HD Graphics version 1.00 On-board graphics card model Intel® HD Graphics 5500 Intel Stable Image Platform Program (SIPP) version 0.00 On-board graphics card base frequency (max) 300 MHz Intel Secure Key Technology version 1.00 On-board graphics card dynamic frequency (max) 16 GB Intel Small Business Advantage (SBA) version 0.00 Maximum on-board graphics card DirectX region 11.2 Intel TSX-NI version 0.00 On-board graphics card DirectX version 11.2 Intel Dual Display Capable Technology (VT-X) X On-board graphics card OpenGL version 4.3 Intel FDI Technology X On-board graphics card DirectX version 10x1616 Intel Rath Memory Access X Audio Y Nether Fore Processor AK ID 84697 Audio system SonicMaster Conflict-Free processor Y Audio system SonicMaster Conflict-Free processor Y Edmera Y Battery Intel Fast Memory Access Y Audio system SonicMaster Conflict-Free processor	On-board graphics card family On-board graphics card model on-board graphics card base frequency Intel® HID Graphics 5500 (INEL® HID Graphics 5500) (INEL® HID Graphics 5500) (INEL® HID Graphics 5500) (INEL® Stable Image Platform Program) (0.00 (INEL® Grey Rey Technology version) 0.00 (INEL® Grey Rey Technology version) 0.00 (INEL® GRAP) (INEL® Small Business Advantage) (INEL® GRAP) (INEL® GR	5 .	✓		1.00	
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On-board graphics card dynamic frequency (max) Intel Small Business Advantage (SBA) version 0.00 0.	On-board graphics card dynamic frequency (max) Intel Small Business Advantage (SBA) version 0.00 0.		300 MHz	Intel Secure Key Technology version	1.00	
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On-board graphics card DirectX version 11.2 Intel Dual Display Capable Technology X On-board graphics card OpenGL version 4.3 Intel FDI Technology X On-board graphics card ID 0x1616 Intel Rapid Storage Technology X Graphics card Open GL support ✓ Intel Fast Memory Access ✓ Audio Processor ARK ID 84697 Audio system SonicMaster Conflict-Free processor ✓ Built-in microphone ✓ Battery Lithium Polymer (LiPo) Front camera ✓ Battery technology Lithium Polymer (LiPo) Network Battery capacity * 37 Wh Ethernet LAN ✓ AC adapter opacity * 37 Wh Network Power * Ethernet LAN data rates 10,1000,100 Mbit/s AC adapter power 65 W Ethernet LAN data rates 10,1000,100 Mbit/s AC adapter input voltage 100 - 240 V USB 2.0 ports quantity * 2 AC adapter output current 3.42 A USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 AC adapter output voltage 19 V DC-in jack ✓ <td> Non-board graphics card DirectX version 11.2 </td> <td>Maximum on-board graphics card</td> <td>16 GB</td> <td></td> <td>0.00</td>	Non-board graphics card DirectX version 11.2	Maximum on-board graphics card	16 GB		0.00	
Version On-board graphics card OpenGL version On-board graphics card ID On-board graphics card I	Version Intel Dual Display Capable Technology X On-board graphics card OpenGL version 4.3 Intel FDI Technology Y On-board graphics card ID 0x1616 Intel Rapid Storage Technology X Graphics card Open GL support Y Intel Fast Memory Access Y Audio Processor ARK ID 84697 Audio system SonicMaster Conflict-Free processor Y Built-in microphone Y Battery Camera Battery Lithium Polymer (LiPo) Front camera Y Battery technology Lithium Polymer (LiPo) Network Battery capacity * 37 Wh Power Ethernet LAN Y AC adapter yeapacity * 37 Wh Ethernet LAN data rates 10,1000,100 Mbit/s AC adapter power AC adapter power AC adapter frequency 65 W AC adapter input voltage 100 - 240 V AC adapter output voltage 100 - 240 V USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 AC adapter output voltage 100 - 240 V USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 AC adapter output voltage 100 - 240 V Ethernet LAN (R)-45) ports 1 Security Ethernet LAN (R)-45) ports 1 Security	•			✓	
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Audio Audio system SonicMaster Conflict-Free processor Built-in microphone ✓ Battery Camera Front camera Network Ethernet LAN Ethernet LAN SonicMaster Indiana in indiana	Audio Audio system SonicMaster Processor ARK ID 84697 Audio system SonicMaster Conflict-Free processor V Built-in microphone V Battery Camera Battery technology Lithium Polymer (LiPo) Front camera V Network Power Ethernet LAN V Ethernet LAN data rates 10,1000,100 Mbit/s AC adapter power AC adapter frequency 50 - 60 Hz Ports & interfaces AC adapter input voltage 100 - 240 V USB 2.0 ports quantity AC AC adapter output current 3.42 A USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity AC AC adapter output voltage 19 V Docin jack V Ethernet LAN (RJ-45) ports 1 HDMI ports quantity 1 DVI port X VGA (D-Sub) ports quantity 1 VGA (D-Sub) ports quantity 1 X Cable lock slot type Kensington X Microphone in X Weight & dimensions Weight & dimensions	• .		Intel Rapid Storage Technology	×	
Audio system Built-in microphone V Battery Camera Battery Battery Battery Battery Battery Battery Battery Battery Battery technology Number of battery cells Battery capacity* Battery Battery	Audio system Built-in microphone V Battery Camera Battery Battery technology Number of battery cells Battery capacity*	Graphics card Open GL support	*	Intel Fast Memory Access	✓	
Built-in microphone Camera Front camera Network Ethernet LAN Ethernet LAN data rates 10,1000,100 Mbit/s Ports & interfaces USB 2.0 ports quantity * USB 2.0 ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity * Ethernet LAN (RJ-45) ports TOWARD VISA (D-Sub) ports quantity 1 VISA (D-Sub) ports quantity Network Battery technology Lithium Polymer (LiPo) Number of battery cells 2 Battery capacity * AC adapter occupation AC adapter power AC adapter power AC adapter frequency AC adapter input voltage 100 - 240 V AC adapter output current 3.42 A AC adapter output voltage 19 V DC-in jack Fecurity VGA (D-Sub) ports quantity * Cable lock slot VGA (D-Sub) ports quantity Toward AC adapter output voltage 19 V DC-in jack Verentiation Security NUI port X Cable lock slot Verentiation X Password protection Verentiation Verentiation Verentiation AC adapter output voltage 19 V DC-in jack Verentiation Verentiation Verentiation AC adapter output voltage 19 V DC-in jack Verentiation Verentiation Verentiation AC adapter output voltage 19 V DC-in jack Verentiation Verentiation AC adapter output voltage 19 V DC-in jack Verentiation Verentiation Verentiation AC adapter output voltage 19 V DC-in jack Verentiation Verentiation AC adapter output voltage 19 V DC-in jack Verentiation Verentiation AC adapter output voltage 100 - 240 V AC adapter output voltage 10 - 240 V AC adapter output voltage	Built-in microphone Camera Front camera Network Ethernet LAN Ethernet LAN	Audio		Processor ARK ID	84697	
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Front camera ✓ Number of battery cells Battery capacity* 37 Wh Network Ethernet LAN Ethernet LAN data rates 10,1000,100 Mbit/s Power AC adapter power AC adapter frequency 50 - 60 Hz AC adapter input voltage USB 2.0 ports quantity* 2 AC adapter output current 3.42 A USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity* 1 AC adapter output voltage DC-in jack Fthernet LAN (RJ-45) ports 1 HDMI ports quantity* 1 Security DVI port VGA (D-Sub) ports quantity 1 Cable lock slot VGA (D-Sub) ports quantity X Microphone in X Number of battery cells 2 Battery capacity* AT Wh AST Wh AST Wh AC adapter power AC adapter input voltage 100 - 240 V AC adapter output current 3.42 A AC adapter output voltage DC-in jack ✓ Cable lock slot ✓ Cable lock slot ✓ Fessword protection ✓ HDD, User, BlOS	Front camera ✓ Number of battery cells 2 Network Power Ethernet LAN ✓ AC adapter power 65 W Ethernet LAN data rates 10,1000,100 Mbit/s AC adapter power 50 - 60 Hz Ports & interfaces AC adapter input voltage 100 - 240 V USB 2.0 ports quantity * 2 AC adapter output current 3.42 A USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 AC adapter output voltage 19 V DC-in jack ✓ Ethernet LAN (RJ-45) ports 1 Security DVI port X Cable lock slot ✓ VGA (D-Sub) ports quantity * 1 Cable lock slot type Kensington S/PDIF out port X Microphone in X Microphone in X Weight & dimensions Weight & dimensions Docking connector X	Built-in microphone	✓	Battery		
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Ethernet LAN data rates 10,1000,100 Mbit/s AC adapter power AC adapter power AC adapter frequency AC adapter frequency 50 - 60 Hz AC adapter input voltage 100 - 240 V USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports 1 HDMI ports quantity * DVI port VGA (D-Sub) ports quantity 1 Microphone in AC adapter output current AC adapter output current 3.42 A AC adapter output voltage DC-in jack * Security Cable lock slot Cable lock slot Password protection Password protection type HDD, User, BIOS	Ethernet LAN data rates 10,1000,100 Mbit/s AC adapter power AC adapter frequency 50 - 60 Hz AC adapter input voltage 100 - 240 V AC adapter output current 3.42 A USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports 1 HDMI ports quantity * DVI port XX Cable lock slot VGA (D-Sub) ports quantity 1 Security Microphone in XX Combo headphone/mic port XX Weight & dimensions AC adapter output voltage 100 - 240 V AC adapter output current 3.42 A AC adapter output voltage 19 V Ethernet LAN (RJ-45) ports 1 Cable lock slot Cable lock slot AC adapter output voltage 19 V Cable lock slot Cable lock slot AC adapter output voltage 19 V Cable lock slot AC adapter output voltage 19 V Cable lock slot AC adapter output voltage 19 V Cable lock slot AC adapter output voltage 19 V Cable lock slot AC adapter output voltage 19 V Cable lock slot AC adapter output voltage 19 V Cable lock slot slot AC adapter output voltage 19 V Cable lock slot AC adapter output voltage	Ethernet LAN	✓			
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USB 2.0 ports quantity * 2 AC adapter output current 3.42 A USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 Ethernet LAN (RJ-45) ports 1 HDMI ports quantity * 1 DVI port	USB 2.0 ports quantity * 2 AC adapter output current 3.42 A USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 1 HDMI ports quantity * 1 DVI port	Ports & interfaces				
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Ethernet LAN (RJ-45) ports 1 HDMI ports quantity * 1 DVI port	Ethernet LAN (RJ-45) ports 1 HDMI ports quantity * 1 DVI port	USB 3.2 Gen 1 (3.1 Gen 1) Type-A		AC adapter output voltage	19 V	
HDMI ports quantity * 1 DVI port	HDMI ports quantity * 1 DVI port		1	DC-in jack	✓	
VGA (D-Sub) ports quantity 1 Cable lock slot type Kensington S/PDIF out port	VGA (D-Sub) ports quantity 1 Cable lock slot type Kensington S/PDIF out port			Security		
S/PDIF out port X Password protection Microphone in X Password protection type HDD, User, BIOS	S/PDIF out port Microphone in Combo headphone/mic port Docking connector Neasword protection Password protection type HDD, User, BIOS Weight & dimensions Width 348 mm	DVI port	×	Cable lock slot	✓	
Microphone in X Password protection type HDD, User, BIOS	Microphone in X Password protection type HDD, User, BIOS Combo headphone/mic port ✓ Weight & dimensions Docking connector X Width 348 mm	VGA (D-Sub) ports quantity	1	Cable lock slot type	Kensington	
The representation of the second of the seco	Combo headphone/mic port Docking connector Weight & dimensions Width 348 mm	S/PDIF out port	x	Password protection	✓	
Combo headphone/mic port	Docking connector X Width 348 mm	Microphone in	x	Password protection type	HDD, User, BIOS	
Tolghe & amendons		Combo headphone/mic port	✓	Weight & dimensions		
Docking connector X Width 348 mm	Denth 2/12 8 mm	Docking connector	×	Width	348 mm	
Depth 242.8 mm	Σέραι 242.0 IIIII			Depth	242.8 mm	

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	✓			

Catalog Object Cloud



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