

ASUS Vivobook 14 X405UA-BV327 laptop Intel® Core™ i3 i3-7100U 35,6 cm (14") HD 4 GB DDR4-SDRAM 500 GB HDD Grey, Metallic



Brand : ASUS

Product family: Vivobook

Article code: X405UA-BV327

Product name : X405UA-BV327

ASUS Vivobook 14 X405UA-BV327. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-7100U, Processor frequency: 2,4 GHz. Display diagonal: 35,6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 620. Product color: Grey, Metallic. Weight: 1,3 kg

Design		Keyboard	
Product type *	Laptop	Numeric keypad *	✗
Product color *	Grey, Metallic	Windows keys	✓
Form factor *	Clamshell	Software	
Display		Operating system installed *	✗
Display diagonal *	35,6 cm (14")	Processor special features	
Display resolution *	1366 x 768 pixels	Intel® Wireless Display (Intel® WiDi)	✓
Touchscreen *	✗	Intel® My WiFi Technology (Intel® MWT)	✓
HD type	HD	Intel® Smart Response Technology	✓
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	✗
Processor manufacturer *	Intel	Intel® Small Business Advantage (Intel® SBA)	✓
Processor family *	Intel® Core™ i3	Enhanced Intel SpeedStep Technology	✓
Processor generation	7th gen Intel® Core™ i3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i3-7100U	Intel Clear Video Technology	✓
Processor cores	2	Intel® InTru™ 3D Technology	✓
Processor threads	4	Intel® Insider™	✓
Processor frequency *	2,4 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	4 GT/s	Intel Flex Memory Access	✓
Processor cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1356	Intel Enhanced Halt State	✓
Processor lithography	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel® Secure Key	✓
Processor codename	Kaby Lake	Intel TSX-NI	✗
Bus type	OPI		
Stepping	H0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-down	7,5 W		
Configurable TDP-down frequency	0,8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	3.0		
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1		

Processor		Processor special features	
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	4 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	2133 MHz	Intel 64	✓
Memory form factor	On-board + SO-DIMM	Execute Disable Bit	✓
Memory slots	1x SO-DIMM	Idle States	✓
Maximum internal memory *	24 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	42 x 24 mm
Total storage capacity *	500 GB	Supported instruction sets	AVX 2.0, SSE4.2
Storage media *	HDD	Processor code	SR2ZW
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	500 GB	Embedded options available	✓
Card reader integrated	✓	Graphics & IMC lithography	14 nm
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Identity Protection Technology version	1,00
Discrete graphics card model *	Not available	Intel Smart Response Technology version	1,00
On-board graphics card *	✓	Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card *	✗	Intel Secure Key Technology version	1,00
On-board graphics card model *	Intel® HD Graphics 620	Intel TSX-NI version	0,00
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1000 MHz	Processor ARK ID	95442
Maximum on-board graphics card memory	32 GB	Conflict-Free processor	✓
On-board graphics card DirectX version	12.0	Battery	
On-board graphics card OpenGL version	4.4	Number of battery cells	3
On-board graphics card ID	0x5916	Battery capacity *	42 Wh
Audio		Power	
Audio system	SonicMaster	AC adapter power	45 W
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Camera		AC adapter input voltage	100 - 240 V
Front camera	✓	AC adapter output current	2,37 A
Network		AC adapter output voltage	19 V
Wi-Fi	✓	DC-in jack	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✓	Width	326,4 mm
Bluetooth	✓	Depth	225,5 mm
Bluetooth version	4.2	Height (front)	1,88 cm
Ports & interfaces		Height (rear)	2,02 cm
USB 2.0 ports quantity *	2	Weight *	1,3 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Manual	✓
HDMI ports quantity *	1	Power cord included	✓
DVI port	✗		
Combo headphone/mic port	✓		
Keyboard			
Pointing device	Touchpad		

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