

**ASUS Vivobook X540LA-XX021T laptop Intel® Core™ i3 i3-4005U
39.6 cm (15.6") 4 GB DDR3L-SDRAM 1 TB HDD Wi-Fi 4 (802.11n)
Windows 10 Home Black, Brown**



Brand : ASUS

Product family: Vivobook

Product code: X540LA-XX021T

Product name : X540LA-XX021T

15.6" 1366x768 LED, Intel Core i3-4005U (1.7GHz, 3MB Cache), 4GB RAM, 1000GB HDD, Intel HD Graphics 4400, 802.11 b/g/n, Gigabit Ethernet, 1xUSB 3.0, 1xUSB 2.0, 1xVGA, 1xHDMI, Windows 10 Home 64-bit

ASUS Vivobook X540LA-XX021T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor: i3-4005U, Processor frequency: 1.7 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 10 Home. Product colour: Black, Brown

Design		Keyboard	
Product type *	Laptop	Windows keys	✓
Product colour *	Black, Brown		
Form factor *	Clamshell		
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Operating system installed *	Windows 10 Home
Touch screen *	✗		
HD type	Not supported		
LED backlight	✓		
Native aspect ratio	16:9		
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Wireless Display (WiDi) Technology	✓
Processor family *	Intel® Core™ i3	Intel My WiFi Technology	✗
Processor generation	4th gen Intel® Core™ i3	Intel Smart Connect Technology	✓
Processor *	i3-4005U	Intel Anti-Theft Technology	✓
Processor number of cores	2	Intel® Rapid Start Technology	✗
Processor threads	4	Intel® Smart Response Technology	✗
Processor frequency *	1.7 GHz	Intel Identity Protection Technology	✓
System bus data transfer rate	5 GT/s	Intel Hyper-Threading Technology	✓
Processor cache	3 MB	Intel Turbo Boost Technology	✗
Processor cache type	Smart Cache	Intel® Small Business Advantage (Intel® SBA)	✗
Processor socket	BGA 1168	Intel Matrix Storage Technology	✗
Processor lithography	22 nm	Intel HD Audio Technology	✓
Processor operating modes	64-bit	Intel Active Management Technology	✗
Processor series	Intel® Core™ i3-4000 Mobile Series	Enhanced Intel SpeedStep Technology	✓
Processor codename	Haswell	Intel Clear Video HD Technology	✓
Bus type	DMI	Intel Clear Video Technology	✗
FSB Parity	✗	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	15 W	Intel® Insider™	✓
Tjunction	100 °C	Intel® Quick Sync Video Technology	✓
Maximum number of PCI Express lanes	10	Intel Flex Memory Access	✗
PCI Express slots version	2.0	Intel® Smart Cache	✓
PCI Express configurations	4x1, 1x4	Intel AES New Instructions	✓
		Intel Trusted Execution Technology	✗

Processor		Processor special features	
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	4 GB	Intel Demand Based Switching	✗
Internal memory type	DDR3L-SDRAM	Intel® Secure Key	✓
Memory clock speed	1600 MHz	Intel TSX-NI	✗
Maximum internal memory *	8 GB	Intel Clear Video Technology for MID	✗
Storage		Intel 64	✓
Total storage capacity *	1 TB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Number of hard drives installed	1	Thermal Monitoring Technologies	✓
Hard drive capacity	1 TB	Processor package size	40 x 24 x 1.5 mm
Hard drive size	2.5"	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Optical drive type *	DVD Super Multi	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	SD, SDHC, SDXC	UART	✓
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card model *	Not available	Intel Smart Connect Technology version	1.00
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
Discrete graphics card *	✗	Intel Smart Response Technology version	0.00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 4400	Intel Small Business Advantage (SBA) version	0.00
On-board graphics card base frequency	200 MHz	Intel ME Firmware Version	9.5
On-board graphics card dynamic frequency (max)	950 MHz	Intel TSX-NI version	0.00
Maximum on-board graphics card memory	2 GB	Intel Virtualization Technology (VT-x)	✓
On-board graphics card DirectX version	12	Intel Dual Display Capable Technology	✗
On-board graphics card ID	0xA16	Intel FDI Technology	✗
Audio		Intel Rapid Storage Technology	✓
Audio system	SonicMaster	Intel Fast Memory Access	✗
Built-in microphone	✓	Processor ARK ID	75105
Camera		Conflict-Free processor	✓
Front camera	✓	Battery	
Network		Number of battery cells	3
Wi-Fi	✓	Battery capacity *	33 Wh
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Energy Management	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	AC adapter power	45 W
Ethernet LAN connection	✓	AC adapter frequency	50 - 60 Hz
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter input voltage	100 - 240 V
Bluetooth	✓	AC adapter output current	2.47 A
Bluetooth version	4.0	AC adapter output voltage	19 V
Ports & interfaces		DC-in jack	✓
USB 2.0 ports quantity *	1	Security	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Cable lock slot	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Password protection	✓
Ethernet LAN (RJ-45) ports quantity	1	Password protection type	BIOS, HDD, User
HDMI ports quantity *	1	Weight & Dimensions	
DVI port	✗	Width	381.4 mm
VGA (D-Sub) ports quantity	1	Depth	251.5 mm
S/PDIF out port	✗	Height	27.2 mm
Microphone in	✗	Weight *	1.9 kg
Combo headphone/mic port	✓		

Ports & interfaces		Packaging Content	
Docking connector	✗	AC adapter bundled *	✓
ExpressCard slot	✗	Power cord included	✓
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Total number of SATA connectors	2		
Number of SATA III connectors	2		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Island-style keyboard	✓		

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