

## ASUS Vivobook X540UP-GO002T laptop Intel® Core™ i5 i5-7200U 39,6 cm (15.6") HD 8 GB DDR4-SDRAM 1 TB HDD AMD Radeon R5 M420 Windows 10 Brown



**Brand :** ASUS

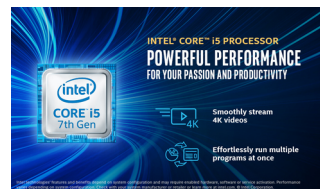
**Product family:** Vivobook

**Product code:** X540UP-  
GO002T

**Product name :** X540UP-  
GO002T

Intel Core i5-7200U, 15.6" HD (1366x768), 8GB DDR3L, 1TB HDD, AMD Radeon R5 M430 2GB, 802.11 b/g/n, Bluetooth 4.0, Webcam, DVD Super Multi, Card Reader, Windows 10 64-Bit

ASUS Vivobook X540UP-GO002T laptop Intel® Core™ i5 i5-7200U 39,6 cm (15.6") HD 8 GB DDR4-SDRAM 1 TB HDD AMD Radeon R5 M420 Windows 10 Brown:



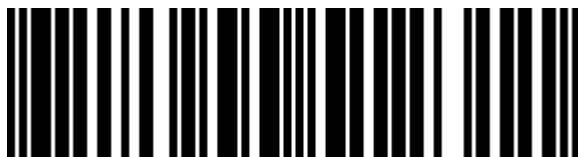
### Designed for Productivity and Entertainment

The ASUS X540 Series is powered by the Intel® processors to give you smooth and responsive computing performance. With NVIDIA® GeForce® 900 Series discrete graphics, an advanced onboard memory controller, up to 12GB RAM, and Windows 10, X540 is an ideal daily computing platform. ASUS Vivobook X540UP-GO002T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-7200U, Processor frequency: 2,5 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 10. Product colour: Brown

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Brown	Numeric keypad *	✓
Form factor *	Clamshell	Full-size keyboard	✓
Display		Windows keys	✓
Display diagonal *	39,6 cm (15.6")	Software	
Display resolution *	1366 x 768 pixels	Operating system architecture	64-bit
Touchscreen *	✗	Operating system installed *	Windows 10
HD type	HD	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel® Smart Response Technology	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i5	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	7th gen Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor model *	i5-7200U	Intel® Small Business Advantage (Intel® SBA)	✓
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	3,1 GHz	Intel Clear Video Technology	✓
Processor frequency *	2,5 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	4 GT/s	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	BGA 1356	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	14 nm	Intel Trusted Execution Technology	✗
Processor operating modes	64-bit		
Processor codename	Kaby Lake		
Bus type	OPI		
Stepping	H0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2,7 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	7,5 W		

Processor		Processor special features	
Configurable TDP-down frequency	0,8 GHz	Intel Enhanced Halt State	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	12	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Stable Image Platform Program (SIPP)	✗
ECC supported by processor	✗	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory clock speed	2133 MHz	Execute Disable Bit	✓
Memory form factor	On-board + SO-DIMM	Idle States	✓
Memory slots	1x SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	16 GB	Processor package size	42 x 24 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	1 TB	Processor code	SR2ZU
Storage media *	HDD	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
HDD capacity	1 TB	Graphics & IMC lithography	14 nm
HDD interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD speed	5400 RPM	Intel Identity Protection Technology version	1,00
Optical drive type *	DVD Super Multi	Intel Smart Response Technology version	1,00
Card reader integrated	✓	Intel Stable Image Platform Program (SIPP) version	0,00
Compatible memory cards	SD, SDHC, SDXC	Intel Secure Key Technology version	1,00
Graphics		Intel TSX-NI version	0,00
Discrete graphics card model *	AMD Radeon R5 M420	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card memory	2 GB	Processor ARK ID	95443
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® HD Graphics	Number of battery cells	3
On-board graphics card model *	Intel® HD Graphics 620	Battery capacity *	33 Wh
On-board graphics card base frequency	300 MHz	Power	
On-board graphics card dynamic frequency (max)	1000 MHz	AC adapter power	45 W
Maximum on-board graphics card memory	32 GB	AC adapter frequency	50 - 60 Hz
On-board graphics card DirectX version	12.0	AC adapter input voltage	100 - 240 V
On-board graphics card OpenGL version	4.4	AC adapter output current	2,47 A
On-board graphics card ID	0x5916	AC adapter output voltage	19 V
Audio		DC-in jack	✓
Audio system	SonicMaster	Security	
Built-in microphone	✓	Password protection	✓
Camera		Password protection type	BIOS, HDD, User
Front camera	✓	Weight & dimensions	
Network		Width	381,4 mm
Wi-Fi	✓	Depth	251,5 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	25,4 mm
Ethernet LAN	✓	Weight *	1,9 kg
Ethernet LAN data rates	10,100 Mbit/s	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	1	Quick start guide	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		

Ports & interfaces		Packaging content	
Ethernet LAN (RJ-45) ports	1	Warranty card	✓
HDMI ports quantity *	1	Other features	
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Combo headphone/mic port	✓	Maximum internal memory (64-bit) 16 GB	
Docking connector	✗		



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### Catalog Object Cloud



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