

Product type	Notebook
Form factor	Clamshell
Brand	ASUS
Family	VivoBook
Series	15
Model name	X540UP-DM235T
Part Number	X540UP-DM235T
Release Date	2019-02-11

PROCESSOR

Processor family	8th gen Intel Core i7
Processor frequency	1.80 GHz
Processor boost frequency	4.00 GHz
Processor codename	Kaby Lake R
Thermal Design Power (TDP)	15 W
Processor model	i7-8550U
Processor cores	4
Processor threads	8
Processor cache	8 MB
Processor lithography	14 nm
Processor socket	BGA 1356

MEMORY

Internal memory	8 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory	16 GB
Memory form factor	On-board + SO-DIMM
Memory clock speed	2133 MHz

DISPLAY

Display diagonal	15.6 inch
Aspect ratio	16:9
HD type	Full HD
LED backlight	Y
Touchscreen	N
Display resolution	1920 x 1080 pixels

GRAPHICS

On-board graphics adapter	Y
On-board graphics adapter DirectX version	12.0
Discrete graphics adapter	Y
On-board graphics adapter model	Intel UHD Graphics 620
Discrete graphics adapter model	AMD Radeon R5 M420
On-board graphics adapter base frequency	300 MHz
On-board graphics adapter dynamic frequency (max)	1150 MHz
Maximum on-board graphics adapter memory	32 GB
On-board graphics adapter OpenGL version	4.4
Discrete graphics adapter memory	2 GB

STORAGE

Total storage capacity	1000 GB
Number of HDDs installed	1
HDD capacity	1000 GB
Total HDDs capacity	1000 GB
Compatible memory cards	SD, SDHC, SDXC
Card reader integrated	Y
Storage media	HDD

NETWORKING

Top Wi-Fi standard	IEEE 802.11n
Wi-Fi	Y
Wi-Fi standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Ethernet LAN	Y
Ethernet LAN data rates	10, 100 Mbit/s
4G	N
3G	N

PORTS & INTERFACES

USB 3.0 (3.1 Gen 1) Type-A ports quantity	1
USB 3.0 (3.1 Gen 1) Type-C ports quantity	1
Combo headphone/mic port	Y
USB 2.0 ports quantity	1
HDMI ports quantity	1
Ethernet LAN (RJ-45) ports	1
VGA (D-Sub) ports quantity	1
AUDIO	
Built-in microphone	Y
Audio system	SonicMaster
CAMERA	
Front camera	Y
KEYBOARD	
Numeric keypad	Y
Windows keys	Y
Pointing device	Touchpad
BATTERY	
Number of battery cells	3
Battery capacity (Watt hours)	33 Wh
WEIGHT & DIMENSIONS	
Weight	2 kg
Height	27.2 mm
Depth	251.5 mm
Width	381.4 mm
SOFTWARE	
Operating system installed	Windows 10 Home
POWER	
AC adapter power	45 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output voltage	19 V
AC adapter output current	2.47 A
SECURITY	
Password protection	Y
Password protection type	BIOS, HDD, User