

ASUS Vivobook R558UQ-DM542D laptop Intel® Core™ i5 i5-7200U 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® 940MX FreeDOS Red



Brand : ASUS

Product family: Vivobook

Product code: R558UQ-DM542D

Product name : R558UQ-DM542D

Intel Core i5-7200U (2.5GHz, 3M Cache), 4GB RAM, 1000GB HDD, Intel HD Graphics 620 + NVIDIA GeForce 930MX, WLAN 802.11, Gigabit Ethernet, Free DOS

ASUS Vivobook R558UQ-DM542D laptop Intel® Core™ i5 i5-7200U 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® 940MX FreeDOS Red:

Uncompromising Performance

ASUS R Series laptops are powered by the latest 6th-generation Intel Core i7 processor with up to 8GB RAM (expandable to 16GB), and NVIDIA GeForce GT 940 graphics. With Windows 10 preinstalled, R Series is ideal for daily computing and entertainment tasks. Users can opt for a 2TB hard disk, or upgrade to a solid-state disk for faster data access speeds.

Design		Keyboard	
Product type *	Laptop	Numeric keypad *	✓
Product colour *	Red	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system installed *	FreeDOS
Display resolution *	1920 x 1080 pixels	Processor special features	
Touchscreen *	✗		
HD type	Full HD	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	7th gen Intel® Core™ i5	Intel® Small Business Advantage (Intel® SBA)	✓
Processor model *	i5-7200U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✓
Processor boost frequency	3.1 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2.5 GHz	Intel® Insider™	✓
System bus rate	4 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	3 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1356	Intel Trusted Execution Technology	✗
Processor lithography	14 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Kaby Lake	Intel® Secure Key	✓
Bus type	OPI	Intel TSX-NI	✗
Stepping	H0	Intel Stable Image Platform Program (SIPP)	✗
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.7 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	7.5 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express slots version	3.0	Intel® OS Guard	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory		Intel 64	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory clock speed	2133 MHz	Thermal Monitoring Technologies	✓
Memory slots	1x SO-DIMM	Processor package size	42 x 24 mm
Maximum internal memory *	16 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		Processor code	SR2ZU
Total storage capacity *	1 TB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Card reader integrated	✓	Graphics & IMC lithography	14 nm
Compatible memory cards	SD, SDHC	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® 940MX	Intel Smart Response Technology version	1.00
Discrete graphics card memory	2 GB	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card *	✓	Intel Secure Key Technology version	1.00
Discrete graphics card *	✓	Intel TSX-NI version	0.00
On-board graphics card model *	Intel® HD Graphics 620	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	300 MHz	Processor ARK ID	95443
On-board graphics card dynamic frequency (max)	1000 MHz	Conflict-Free processor	✓
Maximum on-board graphics card memory	32 GB	Battery	
On-board graphics card DirectX version	12.0	Battery technology	Lithium Polymer (LiPo)
On-board graphics card OpenGL version	4.4	Number of battery cells	2
On-board graphics card ID	0x5916	Battery capacity *	38 Wh
Audio		Power	
Audio system	SonicMaster	AC adapter power	65 W
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Camera		AC adapter input voltage	100 - 240 V
Front camera	✓	AC adapter output current	3.42 A
Network		AC adapter output voltage	19 V
Wi-Fi	✓	DC-in jack	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Security	
Ethernet LAN	✓	Cable lock slot	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Cable lock slot type	Kensington
Bluetooth	✓	Password protection	✓
Bluetooth version	4.0	Password protection type	BIOS, HDD
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	1	Width	382 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Depth	258 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Height	25.5 mm
Ethernet LAN (RJ-45) ports	1	Weight *	2.3 kg
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Manual	✓
Combo headphone/mic port	✓	Power cord included	✓
Docking connector	✗		
Keyboard			
Pointing device	Touchpad		

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.