

ASUS Vivobook X556UQ-DM600D laptop Intel® Core™ i5 i5-6198DU 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: X556UQ-DM600D

Product name : X556UQ-DM600D

Intel Core i5-6198DU (2.3GHz, 3M Cache), 8GB RAM, 1000GB HDD, Intel HD Graphics 510 + NVIDIA GeForce 940MX, WLAN 802.11, Gigabit Ethernet, Free DOS
ASUS Vivobook X556UQ-DM600D. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6198DU, Processor frequency: 2.3 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 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: FreeDOS. Product colour: Red

Design		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product colour *	Red	DVI port	✗
Form factor *	Clamshell	VGA (D-Sub) ports quantity	1
Display		Combo headphone/mic port	✓
Display diagonal *	39.6 cm (15.6")	Docking connector	✗
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen *	✗	Pointing device	Touchpad
HD type	Full HD	Numeric keypad *	✓
LED backlight	✓	Full-size keyboard	✓
Native aspect ratio	16:9	Windows keys	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	FreeDOS
Processor family *	Intel® Core™ i5	Processor special features	
Processor generation	6th gen Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i5-6198DU	Intel® Smart Response Technology	✓
Processor cores	2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	2.8 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2.3 GHz	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel HD Graphics	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	14 nm	Intel Clear Video Technology	✓
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i5-6100 Mobile Series	Intel® Quick Sync Video Technology	✓
Processor codename	Skylake	Intel Flex Memory Access	✓
Thermal Design Power (TDP)	15 W	Intel® Smart Cache	✓
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® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR4-SDRAM	Intel® Secure Key	✓
Memory clock speed	2133 MHz	Intel TSX-NI	✗
Memory slots	1x SO-DIMM	Intel Stable Image Platform Program (SIPP)	✗
Maximum internal memory *	16 GB	Intel® OS Guard	✓
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	1 TB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Optical drive type *	DVD Super Multi	Idle States	✓
Card reader integrated	✓	Thermal Monitoring Technologies	✓
Compatible memory cards	SD, SDHC, SDXC	Processor package size	42 x 24 mm
Graphics		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Discrete graphics card model *	NVIDIA® GeForce® 940MX	CPU configuration (max)	1
Discrete graphics card memory	2 GB	Embedded options available	✗
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Processor ARK ID	93432
On-board graphics card model *	Intel® HD Graphics 510	Conflict-Free processor	✓
On-board graphics card base frequency	300 MHz	Battery	
On-board graphics card dynamic frequency (max)	1000 MHz	Battery technology	Lithium Polymer (LiPo)
Maximum on-board graphics card memory	32 GB	Number of battery cells	2
On-board graphics card DirectX version	12.0	Battery capacity *	38 Wh
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	0x1906	AC adapter power	65 W
Audio		AC adapter frequency	50 - 60 Hz
Audio system	SonicMaster	AC adapter input voltage	100 - 240 V
Built-in microphone	✓	AC adapter output current	3.42 A
Camera		AC adapter output voltage	19 V
Front camera	✓	DC-in jack	✓
Network		Security	
Wi-Fi	✓	Cable lock slot	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot type	Kensington
Ethernet LAN	✓	Password protection	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection type	BIOS, HDD, User
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	382 mm
Ports & interfaces		Depth	258 mm
USB 2.0 ports quantity *	1	Height	25.5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Weight *	2.3 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
		Manual	✓
		Power cord included	✓

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