

**ASUS Vivobook S15 S533FL-BQ019 laptop Intel® Core™ i5
i5-10210U 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 512 GB SSD
NVIDIA® GeForce® MX250 Wi-Fi 6 (802.11ax) FreeDOS Grey**

Brand : ASUS

Product family: Vivobook

Product code: S533FL-BQ019

Product name : S533FL-BQ019

- FreeDOS

- Intel Core i5-10210U (6MB Cache, 1.6GHz)

- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce MX250 (2GB GDDR5)

- 8GB (2666MHz) DDR4-SDRAM & 512GB SSD

Intel Core i5-10210U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce MX250 (2GB GDDR5), WLAN, Webcam, FreeDOS

ASUS Vivobook S15 S533FL-BQ019. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-10210U, Processor frequency: 1,6 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: FreeDOS. Product colour: Grey



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product colour *	Grey	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Form factor *	Clamshell		
Display		Mobile network connection *	✗
Display diagonal *	39,6 cm (15.6")	Ethernet LAN	✗
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.0
HD type	Full HD	Ports & interfaces	
Panel type	IPS	USB 2.0 ports quantity *	2
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i5	Performance	
Processor generation	10th gen Intel® Core™ i5	Repairability index	6.3
Processor model *	i5-10210U	Keyboard	
Processor cores	4	Pointing device	Touchpad
Processor threads	8	Numeric keypad *	✓
Processor boost frequency	4,2 GHz	Full-size keyboard	✓
Processor frequency *	1,6 GHz	Software	
System bus rate	4 GT/s	Operating system installed *	FreeDOS
Processor cache	6 MB	Processor special features	
Processor socket	BGA 1528	Intel® My WiFi Technology (Intel® MWT)	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Comet Lake		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2,1 GHz		

Processor		Processor special features	
Configurable TDP-up	25 W	Intel® Identity Protection Technology (Intel® IPT)	✓
Configurable TDP-down	10 W	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Configurable TDP-down frequency	0,8 GHz	Intel® Turbo Boost Technology	2.0
Tjunction	100 °C	Enhanced Intel SpeedStep Technology	✓
Maximum number of PCI Express lanes	16	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0	Intel Clear Video Technology	✓
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Intel® Quick Sync Video Technology	✓
Memory		Intel Flex Memory Access	✓
Internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory type	DDR4-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	2666 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Storage		Intel® Secure Key	✓
Total storage capacity *	512 GB	Intel TSX-NI	✗
Storage media *	SSD	Intel Stable Image Platform Program (SIPP)	✗
Total SSDs capacity	512 GB	Intel® OS Guard	✓
Number of SSDs installed	1	Intel Software Guard Extensions (Intel SGX)	✓
SSD capacity	512 GB	Intel 64	✓
Optical drive type *	✗	Execute Disable Bit	✓
Card reader integrated	✓	Idle States	✓
Compatible memory cards	MicroSD (TransFlash)	Thermal Monitoring Technologies	✓
Graphics		Processor package size	46 x 24 mm
Discrete GPU manufacturer	NVIDIA	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Discrete graphics card model *	NVIDIA® GeForce® MX250	CPU configuration (max)	1
Discrete graphics card memory	2 GB	Embedded options available	✗
Discrete graphics memory type	GDDR5	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board GPU manufacturer	Intel	Processor ARK ID	195436
Discrete graphics card *	✓	Battery	
On-board graphics card model *	Intel® UHD Graphics	Battery technology	Lithium Polymer (LiPo)
On-board graphics card base frequency	300 MHz	Number of battery cells	3
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity *	50 Wh
Maximum on-board graphics card memory	32 GB	Power	
Number of execution units	24	AC adapter power	65 W
On-board graphics card DirectX version	12.0	AC adapter frequency	50/60 Hz
On-board graphics card OpenGL version	4.5	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x9B41	AC adapter output current	3,42 A
Audio		AC adapter output voltage	19 V
Audio system	SonicMaster	Weight & dimensions	
Built-in microphone	✓	Width	359,8 mm
Camera		Depth	233,8 mm
Front camera	✓	Height	16,1 mm
Front camera HD type	HD	Weight *	1,8 kg



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