

ASUS S501UA-EJ1201T Intel® Core™ i5 i5-8250U Laptop 39.6 cm (15.6") Full HD 8 GB 1.13 TB HDD+SSD Wi-Fi 5 (802.11ac) Windows 10 Home Grey



Brand : ASUS

Product code: 90NB0FQ2-M18490

Product name : S501UA-EJ1201T

Intel Core i5-8250U (6MB Cache, 1.6GHz), 8GB, 1000GB HDD, 128GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics 620, WLAN, Bluetooth, Webcam, Windows 10 Home

ASUS S501UA-EJ1201T Intel® Core™ i5 i5-8250U Laptop 39.6 cm (15.6") Full HD 8 GB 1.13 TB HDD+SSD Wi-Fi 5 (802.11ac) Windows 10 Home Grey:

Immersive visuals, easy portability.

ASUS S501 is the perfect combination of beauty and performance. Available in multiple colors and finishes, S501 is a Windows 10 laptop powered by a 7th Generation Intel® Core™ i7 processor with 16GB RAM and NVIDIA® GeForce® MX150 graphics*. It boasts a dual-storage design that combines the fast data speeds of an SSD with the large capacities of an HDD. It's the ideal laptop for daily computing and entertainment.

Design		Ports & interfaces	
Product type *	Laptop	USB 2.0 ports quantity *	2
Product colour *	Grey	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display		HDMI ports quantity *	1
Display diagonal *	39.6 cm (15.6")	Combo headphone/mic port	✓
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen *	✗	Pointing device	Touchpad
HD type	Full HD	Numeric keypad *	✗
LED backlight	✓	Windows keys	✓
Native aspect ratio	16:9	Software	
Display surface	Matt	Operating system installed *	Windows 10 Home
Processor		Processor special features	
Processor manufacturer *	Intel	Intel My WiFi Technology	✓
Processor family *	Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor generation	8th gen Intel® Core™ i5	Intel Identity Protection Technology	✓
Processor *	i5-8250U	Intel Hyper-Threading Technology	✓
Processor number of cores	4	Intel Turbo Boost Technology	2.0
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.4 GHz	Intel Clear Video HD Technology	✓
Processor frequency *	1.6 GHz	Intel Clear Video Technology	✓
System bus data transfer rate	4 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	6 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	BGA 1356	Intel AES New Instructions	✓
Processor lithography	14 nm	Intel Trusted Execution Technology	✗
Processor operating modes	64-bit	Intel Enhanced Halt State	✓
Processor codename	Kaby Lake R	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	OPI	Intel® Secure Key	✓
Stepping	Y0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	1.8 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✗
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 MID	✓
Memory		Intel 64	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Memory, maximum *	16 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	1.13 TB	Processor package size	42 X 24 mm
Storage media *	HDD+SSD	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total HDDs capacity	1 TB	Processor code	SR3LA
Number of HDDs installed	1	CPU configuration (max)	1
Hard drive capacity	1 TB	Embedded options available	✗
Total SSDs capacity	128 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Identity Protection Technology version	1.00
Solid-state drive capacity	128 GB	Intel Smart Response Technology version	1.00
Card reader integrated	✓	Intel Stable Image Platform Program (SIPP) version	0.00
Compatible memory cards	SD, SDHC	Intel Secure Key Technology version	1.00
Graphics		Intel TSX-NI version	0.00
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	124967
Discrete graphics card *	✗	Conflict-Free processor	✓
On-board graphics card family	Intel® UHD Graphics	Battery	
On-board graphics card model *	Intel® UHD Graphics 620	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 *	42 Wh
Maximum on-board graphics card memory	32 GB	Power	
On-board graphics card DirectX version	12.0	AC adapter power	45 W
On-board graphics card OpenGL version	4.4	AC adapter frequency	50 - 60 Hz
On-board graphics card ID	0x5917	AC adapter input voltage	100 - 240 V
Audio		AC adapter output current	2.74 A
Audio system	SonicMaster	AC adapter output voltage	19 V
Built-in microphone	✓	Security	
Camera		Password protection	✓
Front camera	✓	Password protection type	BIOS, HDD, User
Network		Weight & dimensions	
Wi-Fi	✓	Width	361.4 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Depth	243.5 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	19.4 mm
Antenna type	2x2		
Bluetooth	✓		
Bluetooth version	4.2		



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