

ASUS Vivobook S14 S410UA-EB003T laptop Intel® Core™ i5 i5-8250U 35,6 cm (14") Full HD 4 GB 1 TB HDD Windows 10 Home Gold

Brand : ASUS

Product family: Vivobook

Product code: S410UA-EB003T

Product name : S410UA-EB003T

Intel Core i5-8250U (1.6GHz, 6M Cache), 4GB RAM, 1000GB HDD, Intel UHD Graphics 620, WLAN 802.11, WebCam, Windows 10

ASUS Vivobook S14 S410UA-EB003T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8250U, Processor frequency: 1,6 GHz. Display diagonal: 35,6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 4 GB. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® UHD Graphics 620. Operating system installed: Windows 10 Home. Product colour: Gold. Weight: 1,3 kg



Design		Ports & interfaces	
Product type *	Laptop	Microphone in	✗
Product colour *	Gold	Combo headphone/mic port	✓
Form factor *	Clamshell	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	35,6 cm (14")	Numeric keypad *	✗
Display resolution *	1920 x 1080 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	Full HD	Operating system installed *	Windows 10 Home
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✓
Display surface	Matt	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	8th gen Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor model *	i5-8250U	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	4	Intel Clear Video Technology	✓
Processor threads	8	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3,4 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	1,6 GHz	Intel Flex Memory Access	✓
System bus rate	4 GT/s	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache	6 MB	Intel Trusted Execution Technology	✗
Processor cache type	Smart Cache	Intel Enhanced Halt State	✓
Processor socket	BGA 1356	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	14 nm	Intel® Secure Key	✓
Processor operating modes	64-bit		
Processor codename	Kaby Lake R		
Bus type	OPI		
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		

Processor		Processor special features	
Configurable TDP-down frequency	0,8 GHz	Intel TSX-NI	✗
Tjunction	100 °C	Intel Stable Image Platform Program (SIPP)	✗
Maximum number of PCI Express lanes	12	Intel® OS Guard	✓
PCI Express slots version	3.0	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	42 x 24 mm
Total storage capacity *	1 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	HDD	Processor code	SR3LA
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	1 TB	Embedded options available	✗
Optical drive type *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1,00
Compatible memory cards	SD	Intel Smart Response Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card model *	Not available	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel TSX-NI version	0,00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® UHD Graphics 620	Processor ARK ID	124967
On-board graphics card base frequency	300 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Battery	
Maximum on-board graphics card memory	32 GB	Number of battery cells	3
On-board graphics card DirectX version	12.0	Battery capacity *	42 Wh
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	0x5917	AC adapter power	45 W
Audio		AC adapter frequency	50 - 60 Hz
Audio system	SonicMaster	AC adapter input voltage	100 - 240 V
Speaker power	2 W	AC adapter output current	2,47 A
Built-in microphone	✓	AC adapter output voltage	19 V
Camera		DC-in jack	✓
Front camera	✓	Security	
Network		Password protection	✓
Wi-Fi	✓	Password protection type	BIOS, HDD, User
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✗	Width	326,4 mm
Bluetooth	✓	Depth	225,5 mm
Bluetooth version	4.2	Height	18,8 mm
Ports & interfaces		Weight *	1,3 kg
USB 2.0 ports quantity *	2	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Manual	✓
HDMI ports quantity *	1	Power cord included	✓
DVI port	✗		
S/PDIF out port	✗		

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