

ASUS X507UA-i5256T Intel® Core™ i5 i5-8250U Laptop 15.6" Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Home Gray



Brand : ASUS

Article code: X507UA-I5256T

Product name : X507UA-i5256T

- Windows 10 Home
 - Intel Core i5-8250U (6MB Cache, 1.6GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080
 - 8GB (2400MHz) DDR4-SDRAM & 256GB SSD
 Intel Core i5-8250U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 256GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics 620, WLAN, Bluetooth, Webcam, Windows 10 Home
 ASUS X507UA-i5256T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8250U, Processor frequency: 1.6 GHz. Display diagonal: 15.6", HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 620. Operating system installed: Windows 10 Home. Product color: Gray

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product color *	Gray	Numeric keypad *	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	15.6"	Operating system installed *	Windows 10 Home
Display resolution *	1920 x 1080 pixels	Processor special features	
Touchscreen *	✗		
HD type	Full HD	Intel® My WiFi Technology (Intel® MWT)	✓
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Display surface	Matt	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	2.0
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i5	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	8th gen Intel® Core™ i5	Intel Clear Video Technology	✓
Processor model *	i5-8250U	Intel® InTru™ 3D Technology	✓
Processor cores	4	Intel® Quick Sync Video Technology	✓
Processor threads	8	Intel Flex Memory Access	✓
Processor boost frequency	3.4 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor frequency *	1.6 GHz	Intel Trusted Execution Technology	✗
System bus rate	4 GT/s	Intel Enhanced Halt State	✓
Processor cache	6 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	Smart Cache	Intel® Secure Key	✓
Processor socket	BGA 1356	Intel TSX-NI	✗
Processor lithography	14 nm	Intel Stable Image Platform Program (SIPP)	✗
Processor operating modes	64-bit	Intel® OS Guard	✓
Processor codename	Kaby Lake R	Intel Software Guard Extensions (Intel SGX)	✓
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		
Configurable TDP-down frequency	0.8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Maximum number of PCI Express lanes	12	Intel 64	✓
PCI Express slots version	3.0	Execute Disable Bit	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	8 GB	Processor package size	42 X 24 mm
Internal memory type	DDR4-SDRAM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory clock speed	2400 MHz	Processor code	SR3LA
Storage		CPU configuration (max)	1
Total storage capacity *	256 GB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	256 GB	Intel Identity Protection Technology version	1.00
Number of SSDs installed	1	Intel Smart Response Technology version	1.00
SSD capacity	256 GB	Intel Stable Image Platform Program (SIPP) version	0.00
Card reader integrated	✓	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 model *	Intel® UHD Graphics 620	Battery	
On-board graphics card base frequency	300 MHz	Number of battery cells	3
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity *	33 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	2.37 A
Audio system	SonicMaster	AC adapter output voltage	19 V
Built-in microphone	✓	Security	
Camera		Trusted Platform Module (TPM)	✓
Front camera	✓	Password protection	✓
Network		Password protection type	BIOS, HDD, User
Wi-Fi	✓	Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Width	14.4" (365 mm)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Depth	10.5" (266 mm)
Antenna type	2x2	Height	0.862" (21.9 mm)
Bluetooth	✓	Weight *	3.7 lbs (1.68 kg)
Bluetooth version	4.2		
Ports & interfaces			
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
HDMI ports quantity *	1		
Combo headphone/mic port	✓		

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