



Acer Aspire 5 A515-51G-81ZK Intel® Core™ i7 i7-8550U Computer portatile 39,6 cm (15.6") HD 12 GB DDR4-SDRAM 256 GB SSD NVIDIA® GeForce® MX130 Wi-Fi 5 (802.11ac) Windows 10 Home Grigio



Marchio : Acer

Famiglia del prodotto: Aspire

Codice prodotto:
NX.GW1ET.002

Nome del prodotto :
A515-51G-81ZK

Intel Core i7-8550U (1.8GHz, Cache 8MB, 4 Cores), 39.624 cm (15.6") HD (1366 x 768), 12GB DDR4-SDRAM , 256GB SSD, Intel UHD Graphics 620 + NVIDIA GeForce MX130 (2GB, GDDR5), Gigabit LAN, WLAN 802.11ac, Windows 10 Home 64-bit

Acer Aspire 5 A515-51G-81ZK. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel® Core™ i7, Modello del processore: i7-8550U, Frequenza del processore: 1,8 GHz. Dimensioni diagonale schermo: 39,6 cm (15.6"), Tipologia HD: HD, Risoluzione del display: 1366 x 768 Pixel. RAM installata: 12 GB, Tipo di RAM: DDR4-SDRAM. Capacità totale di archiviazione: 256 GB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel® UHD Graphics 620. Sistema operativo incluso: Windows 10 Home. Colore del prodotto: Grigio

Design		Ports & interfaces	
Product type *	Laptop	Ethernet LAN (RJ-45) ports	1
Product colour *	Grey	HDMI ports quantity *	1
Form factor *	Clamshell	DVI port	✗
Display		Headphone outputs	1
Display diagonal *	39.6 cm (15.6")	Combo headphone/mic port	✓
Display resolution *	1366 x 768 pixels	Docking connector	✗
Touchscreen *	✗	Keyboard	
HD type	HD	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	✓
Native aspect ratio	16:9	Windows keys	✓
Dual-screen	✗	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 10 Home
Processor family *	Intel® Core™ i7	Processor special features	
Processor generation	8th gen Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i7-8550U	Intel® Smart Response Technology	✓
Processor cores	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	8	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	4 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	1.8 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	4 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	8 MB	Intel Clear Video Technology	✓
Processor socket	BGA 1356	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor codename	Kaby Lake R	Intel® AES New Instructions (Intel® AES-NI)	✓
Bus type	OPI	Intel Trusted Execution Technology	✗
Stepping	Y0	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	15 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-up frequency	2 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel TSX-NI	✗
ECC supported by processor	✗	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	12 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	256 GB	Idle States	✓
Storage media *	SSD	Thermal Monitoring Technologies	✓
Number of SSDs installed	1	Processor package size	42 x 24 mm
SSD capacity	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
SSD interface	SATA III	CPU configuration (max)	1
Optical drive type *	✗	Embedded options available	✗
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	SD	Intel Identity Protection Technology version	1.00
Graphics		Intel Smart Response Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® MX130	Intel Secure Key Technology version	1.00
Discrete graphics card memory	2 GB	Intel TSX-NI version	0.00
Discrete graphics memory type	GDDR5	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	122589
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	4
On-board graphics card dynamic frequency (max)	1150 MHz	Battery capacity	3220 mAh
Maximum on-board graphics card memory	32 GB	Battery capacity *	48 Wh
On-board graphics card DirectX version	12.0	Battery life (max)	7 h
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	0x5917	AC adapter power	65 W
Audio		AC adapter frequency	50 - 60 Hz
Number of built-in speakers	2	AC adapter input voltage	100 - 240 V
Built-in microphone	✓	DC-in jack	✓
Camera		Security	
Front camera	✓	Fingerprint reader	✗
Front camera resolution	1280 x 720 pixels	Weight & dimensions	
Network		Width	381.6 mm
Wi-Fi	✓	Depth	263 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Height	21.6 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height (front)	2.16 cm
Ethernet LAN	✓	Height (rear)	2.16 cm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	2.2 kg
Bluetooth	✓	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	2	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Power cord included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		

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