



# Acer Aspire 3 A515-54G-542A Laptop 39.6 cm (15.6") Full HD Intel® Core™ i5 i5-10210U 8 GB DDR4-SDRAM 512 GB SSD NVIDIA® GeForce® MX250 Wi-Fi 6 (802.11ax) Windows 10 Home Black



**Brand :** Acer

**Product family:** Aspire

**Product code:** NX.HN0EF.003

**Product name :**  
A515-54G-542A

Intel Core i5-10210U Processor 6MB Cache, up to 4.10 GHz, 39.6 cm (15.6") 1920 x 1080 FHD, 8GB DDR4 SDRAM, 512GB SSD, NVIDIA GeForce MX250 2GB GDDR5, Gigabit LAN, WiFi, Windows 10 Home Acer Aspire 3 A515-54G-542A. 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: Windows 10 Home. Product colour: Black



Design		Network	
Product type *	Laptop	Ethernet LAN	✓
Product colour *	Black	Ethernet LAN data rates	10,100,1000 Mbit/s
Form factor *	Clamshell	Bluetooth	✓
<b>Display</b>		Bluetooth version	5.0
Display diagonal *	39.6 cm (15.6")	<b>Ports &amp; interfaces</b>	
Display resolution *	1920 x 1080 pixels	USB 2.0 ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Panel type	IPS	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:9	Headphone outputs	1
Dual-screen	✗	Combo headphone/mic port	✓
<b>Processor</b>		Charging port type	DC-in jack
Processor manufacturer *	Intel	<b>Keyboard</b>	
Processor generation	10th gen Intel® Core™ i5	Pointing device	Touchpad
Processor family *	Intel® Core™ i5	Numeric keypad *	✓
Processor model *	i5-10210U	Full-size keyboard	✓
Processor frequency *	1.6 GHz	Windows keys	✓
Processor boost frequency	4.2 GHz	<b>Software</b>	
Processor threads	8	Operating system architecture	64-bit
System bus rate	4 GT/s	Operating system installed *	Windows 10 Home
Processor cores	4	<b>Processor special features</b>	
Processor cache	6 MB	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cache type	Smart Cache	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor socket	BGA 1528	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor lithography	14 nm	Intel® Turbo Boost Technology	2.0
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor codename	Comet Lake	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Thermal Design Power (TDP)	15 W	Intel Clear Video Technology	✓
Configurable TDP-up frequency	2.1 GHz	Intel® Quick Sync Video Technology	✓
Configurable TDP-up	25 W	Intel Flex Memory Access	✓
Configurable TDP-down	10 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1		

<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	8 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
<b>Storage</b>		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	✓
<b>Graphics</b>		Thermal Monitoring Technologies	✓
Discrete graphics card model *	NVIDIA® GeForce® MX250	Processor package size	46 x 24 mm
On-board graphics card *	✓	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Discrete graphics card *	✓	CPU configuration (max)	1
On-board graphics card family	Intel® UHD Graphics	Embedded options available	✗
On-board graphics card model *	Intel® UHD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Processor ARK ID	195436
Maximum on-board graphics card memory	32 GB	<b>Battery</b>	
Number of execution units	24	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card DirectX version	12.0	Number of battery cells	4
On-board graphics card OpenGL version	4.5	Battery capacity	3220 mAh
On-board graphics card ID	0x9B41	Battery capacity *	48 Wh
Discrete graphics card memory	2 GB	<b>Power</b>	
Discrete graphics memory type	GDDR5	AC adapter power	65 W
<b>Audio</b>		<b>Security</b>	
Number of built-in speakers	2	Password protection	✓
Built-in microphone	✓	<b>Weight &amp; dimensions</b>	
<b>Camera</b>		Width	363.4 mm
Front camera	✓	Depth	250.5 mm
<b>Network</b>		Height	17.9 mm
Wi-Fi	✓	Weight *	1.8 kg
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	<b>Other features</b>	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	AC adapter included	✓

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 03-OCT-2023. Prints or copies of Information are only valid on the printed Publication date