



## Acer Aspire 3 A315-53-316W Intel® Core™ i3 i3-7020U Computer portatile 39,6 cm (15.6") HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Home Nero



**Marchio :** Acer

**Famiglia del prodotto:** Aspire

**Codice prodotto:**  
NX.H9KET.001

**Nome del prodotto :**  
A315-53-316W

Acer Aspire 3 A315-53-316W. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel® Core™ i3, Modello del processore: i3-7020U, Frequenza del processore: 2,3 GHz. Dimensioni diagonale schermo: 39,6 cm (15.6"), Tipologia HD: HD, Risoluzione del display: 1366 x 768 Pixel. RAM installata: 8 GB, Tipo di RAM: DDR4-SDRAM. Capacità totale di archiviazione: 256 GB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel® HD Graphics 620. Sistema operativo incluso: Windows 10 Home. Colore del prodotto: Nero

Design		Ports & interfaces	
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Black	<b>Keyboard</b>	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	39.6 cm (15.6")	Windows keys	✓
Display resolution *	1366 x 768 pixels	Software	
Touchscreen *	✗	Operating system architecture	64-bit
HD type	HD	Operating system installed *	Windows 10 Home
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✓
Dual-screen	✗	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™ i3	Intel® Turbo Boost Technology	✗
Processor generation	7th gen Intel® Core™ i3	Enhanced Intel SpeedStep Technology	✓
Processor model *	i3-7020U	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	2	Intel Clear Video Technology	✓
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor frequency *	2.3 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	4 GT/s	Intel Flex Memory Access	✓
Processor cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1356	Intel Enhanced Halt State	✓
Processor lithography	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel® Secure Key	✓
Processor codename	Kaby Lake	Intel TSX-NI	✗
Bus type	OPI	Intel Stable Image Platform Program (SIPP)	✗
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	3.0		
PCI Express configurations	1x4, 2x2		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	8 GB	Intel® OS Guard	✓
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Maximum internal memory *	12 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage		Intel 64	✓
Total storage capacity *	256 GB	Execute Disable Bit	✓
Storage media *	SSD	Idle States	✓
Total SSDs capacity	256 GB	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, SDXC	Intel Identity Protection Technology version	1.00
Graphics		Intel Smart Response Technology version	1.00
Discrete graphics card model *	Not available	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card *	✓	Intel Secure Key Technology version	1.00
Discrete graphics card *	✗	Intel TSX-NI version	0.00
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 620	Processor ARK ID	122590
On-board graphics card base frequency	300 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	1000 MHz	Battery	
Maximum on-board graphics card memory	32 GB	Battery technology	Lithium Polymer (LiPo)
On-board graphics card DirectX version	12.0	Number of battery cells	2
On-board graphics card OpenGL version	4.5	Battery capacity	4810 mAh
On-board graphics card ID	0x5916	Battery capacity *	37 Wh
Audio		Battery life (max)	7 h
Number of built-in speakers	2	Power	
Built-in microphone	✓	AC adapter power	45 W
Camera		AC adapter frequency	50/60 Hz
Front camera	✓	AC adapter input voltage	100 - 240 V
Front camera resolution (numeric)	0.3 MP	Security	
Front camera resolution	640 x 480 pixels	Fingerprint reader	✗
Network		Weight & dimensions	
Wi-Fi	✓	Width	381.6 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Depth	262.8 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	21 mm
Ethernet LAN	✓	Weight *	2.1 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Bluetooth	✓	AC adapter included *	✓
Ports & interfaces		Manual	✓
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
Headphone outputs	1		

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