



# Acer Aspire 7 A715-71G-51KX Laptop 39.6 cm (15.6") Full HD Intel® Core™ i5 i5-7300HQ 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 1050 Windows 10 Home Black



Brand : Acer

Product family: Aspire

Product code: NX.GP8EV.015

Product name :  
A715-71G-51KX

Intel Core i5 7300HQ (6M Cache, 2.5 GHz), 39.624 cm (15.6") (1920 x 1080) LED, 8GB DDR4, 1TB HDD, Intel HD Graphics 630, Gigabit Ethernet, WLAN 802.11ac, Bluetooth, Webcam, Windows 10 64-bit Acer Aspire 7 A715-71G-51KX. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-7300HQ, Processor frequency: 2.5 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: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Home. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	Docking connector	✗
Product colour *	Black	Charging port type	DC-in jack
Form factor *	Clamshell	<b>Keyboard</b>	
<b>Display</b>		Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✓
Display resolution *	1920 x 1080 pixels	Windows keys	✓
Touch screen *	✗	<b>Software</b>	
HD type	Full HD	Operating system architecture	64-bit
LED backlight	✓	Operating system installed *	Windows 10 Home
Native aspect ratio	16:9	<b>Processor special features</b>	
<b>Processor</b>		Intel Wireless Display (WiDi) Technology	✓
Processor manufacturer *	Intel	Intel My WiFi Technology	✓
Processor generation	7th gen Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor family *	Intel® Core™ i5	Intel Identity Protection Technology	✓
Processor *	i5-7300HQ	Intel Hyper-Threading Technology	✗
Processor frequency *	2.5 GHz	Intel Turbo Boost Technology	2.0
Processor boost frequency	3.5 GHz	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel Clear Video HD Technology	✓
System bus data transfer rate	8 GT/s	Intel Clear Video Technology	✓
Processor number of cores	4	Intel® InTru™ 3D Technology	✓
Processor cache	6 MB	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel AES New Instructions	✓
Processor series	Intel Core i5-700 Desktop Series	Intel Trusted Execution Technology	✗
Processor codename	Kaby Lake	Intel Enhanced Halt State	✓
Bus type	DMI3	Intel VT-x with Extended Page Tables (EPT)	✓
Motherboard chipset	Intel® HM175	Intel® Secure Key	✓
Thermal Design Power (TDP)	45 W	Intel TSX-NI	✗
Configurable TDP-down	35 W	Intel Stable Image Platform Program (SIPP)	✗
Tjunction	100 °C	Intel® OS Guard	✓
Maximum number of PCI Express lanes	16	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express slots version	3.0	Intel Clear Video Technology for MID	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
<b>Memory</b>		Idle States	✓
Internal memory *	8 GB		
Internal memory type	DDR4-SDRAM		
Memory slots	2x SO-DIMM		

<b>Memory</b>		<b>Processor special features</b>	
Maximum internal memory *	32 GB	Thermal Monitoring Technologies	✓
<b>Storage</b>		Processor package size	42 x 28 mm
Total storage capacity *	1 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	HDD	CPU configuration (max)	1
Number of hard drives installed	1	Embedded options available	✗
Hard drive capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive interface	SATA	Intel Identity Protection Technology version	1.00
Hard drive rotational speed	5400 RPM	Intel Smart Response Technology version	1.00
Optical drive type *	✗	Intel Stable Image Platform Program (SIPP) version	0.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
<b>Graphics</b>		Intel Small Business Advantage (SBA) version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050	Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Processor ARK ID	97456
On-board graphics card model *	Intel® HD Graphics 630	Conflict-Free processor	✓
On-board graphics card base frequency	350 MHz	<b>Battery</b>	
On-board graphics card dynamic frequency (max)	1000 MHz	Battery technology	Lithium Polymer (LiPo)
Maximum on-board graphics card memory	64 GB	Number of battery cells	4
On-board graphics card DirectX version	12.0	Battery performance	3220 mAh
On-board graphics card OpenGL version	4.4	Battery capacity *	48 Wh
On-board graphics card ID	0x591B	Battery life (max)	7 h
Discrete graphics card memory	2 GB	<b>Energy Management</b>	
Discrete graphics memory type	GDDR5	AC adapter power	135 W
<b>Audio</b>		AC adapter frequency	50 - 60 Hz
Number of built-in speakers	2	<b>Security</b>	
Built-in microphone	✓	Fingerprint reader	✓
<b>Camera</b>		<b>Weight &amp; Dimensions</b>	
Front camera	✓	Width	381.6 mm
Front camera resolution	1280 x 720 pixels	Depth	262.8 mm
<b>Network</b>		Height	24 mm
Wi-Fi	✓	Height (front)	2.4 cm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Height (rear)	2.4 cm
Ethernet LAN connection	✓	Weight *	2.4 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Packaging Content</b>	
Bluetooth	✓	Manual	✓
<b>Ports &amp; interfaces</b>		Power cord included	✓
USB 2.0 ports quantity *	2	<b>Other features</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	AC adapter bundled	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		
Ethernet LAN (RJ-45) ports quantity	1		
HDMI ports quantity *	1		
DVI port	✗		
Combo headphone/mic port	✓		

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