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Acer Aspire 3 (A315-58)



- **Launched:** October 2021
- **Screen-to-body ratio:** ~77.5%
- **Dimensions:** 363.4 x 238.4 x 19.9 mm (14.31 x 9.39 x 0.78 inches)

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Review

Evaluation of the main characteristics with the configuration selected for the Acer Aspire 3 (A315-58).

Performance	52	Gaming	41
Display	35	Battery Life	53
Connectivity	40	Portability	78
NanoReview Score	46		

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Tests and Specifications

Detailed tests and technical specifications of the Acer Aspire 3 (A315-58)

Case

Weight	1.7 kg (3.75 lbs)
Dimensions	363.4 x 238.4 x 19.9 mm 14.31 x 9.39 x 0.78 inches
Area	866 cm ² (134.4 inches ²)
Screen-to-body ratio	~77.5%
Side bezels	9 mm
Colors	Silver
Material	Plastic
Transformer	No

Cooling solution

Cooling system	Active
Vapor chamber	No
Number of fans	1

Display

	<input type="radio"/> 1366 x 768 <input checked="" type="radio"/> 1920 x 1080
Size	15.6 inches
Type	IPS LCD
Refresh rate	60 Hz
PPI	141 ppi
Aspect ratio	16:9
Resolution	1920 x 1080 pixels
HDR support	No
Sync technology	No
Touchscreen	No
Coating	Matte
Ambient light sensor	No
Max. brightness	300 nits

Battery

Capacity	<input checked="" type="radio"/> 36 Wh
Battery type	Li-Ion
Replaceable	No
Fast charging	Yes
USB Power Delivery	No
Charging port position	Left
Charge power	45 W

CPU

CPU name	<input type="radio"/> Intel Core i3 1115G4 <input type="radio"/> Intel Core i5 1135G7 <input checked="" type="radio"/> Intel Core i7 1165G7
Base frequency	1.2-2.8 GHz
Turbo frequency	4.7 GHz
Cores	4
Threads	8
L3 Cache	12 MB
Integrated GPU	Iris Xe Graphics G7 96EU
Fabrication process	10 nm

Benchmarks

Geekbench 5 (Single-Core)	1461	Geekbench 5 (Multi-Core)	4446
Cinebench R23 (Single-Core)	1521	Cinebench R23 (Multi-Core)	6231



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Graphics Card

GPU name	GeForce MX350 2GB
Type	Dedicated
Fabrication process	14 nm
GPU base clock	1354 MHz
GPU boost clock	1468 MHz
FLOPS	1.879 TFLOPS
Memory size	2 GB
Memory type	GDDR5
Memory bus	64 bit
Memory speed	~7 Gbps
Shading units (cores)	640
Texture mapping units (TMUs)	32
Raster operations pipelines (ROPs)	16
GPU performance	1.879 TFLOPS

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RAM

RAM size	<input type="radio"/> 4GB <input checked="" type="radio"/> 8GB <input type="radio"/> 16GB
Channels	1x8 GB
Clock	3200 MHz
Type	DDR4
Upgradable	Yes
Total slots	2
Max. ram size	16 GB

Storage

Storage size	<input type="radio"/> 128GB <input type="radio"/> 256GB <input type="radio"/> 512GB <input checked="" type="radio"/> 1024GB
Bus	PCI-E Gen 3.0 (4x)
Storage type	SSD (M2)
Channels	1x1024 GB
Upgradable	Yes
Total slots	1
NVMe	Yes

Sound

Speakers	2.0
Dolby Atmos	No
Microphones	1

Connectivity

Wi-Fi standard	v5
Bluetooth	v5
Fingerprint	No
Infrared sensor	No
Optical drive	No
Webcam	Above the display
Webcam resolution	1280 x 720

Ports

USB-A	3x USB 3.2
USB Type-C	No
Thunderbolt	No
HDMI	1x HDMI 1.4
DisplayPort	No
VGA	No
Audio jack (3.5 mm)	Yes
Ethernet (RJ45)	Yes
SD card reader	No
Proprietary charging port	Yes

Input

Keyboard

Keyboard type	Island
Numpad	Yes
Backlight	No

Touchpad

Surface	Plastic
Windows Precision	Yes



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Comparison with competitors

1. HP 15 (2021) vs Acer Aspire 3 (A315-58)
2. Acer Swift 3 (SF314-59) vs Aspire 3 (A315-58)
3. Acer Swift 1 (SF114-34) vs Aspire 3 (A315-58)
4. Lenovo IdeaPad 3 (15", AMD) vs Acer Aspire 3 (A315-58)
5. ASUS VivoBook 15 M513 vs Acer Aspire 3 (A315-58)
6. Acer Aspire 5 (A515-56) vs Aspire 3 (A315-58)

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