



Acer recommends Windows 10 Pro for business.



Acer ENDURO N3



122 cm

Unpackaged Drop



Ingress Protection
53 Compliant



MIL-STD 810G
Certified



TPM



Resolution



AEMS



Fingerprint Reader



Aquafan

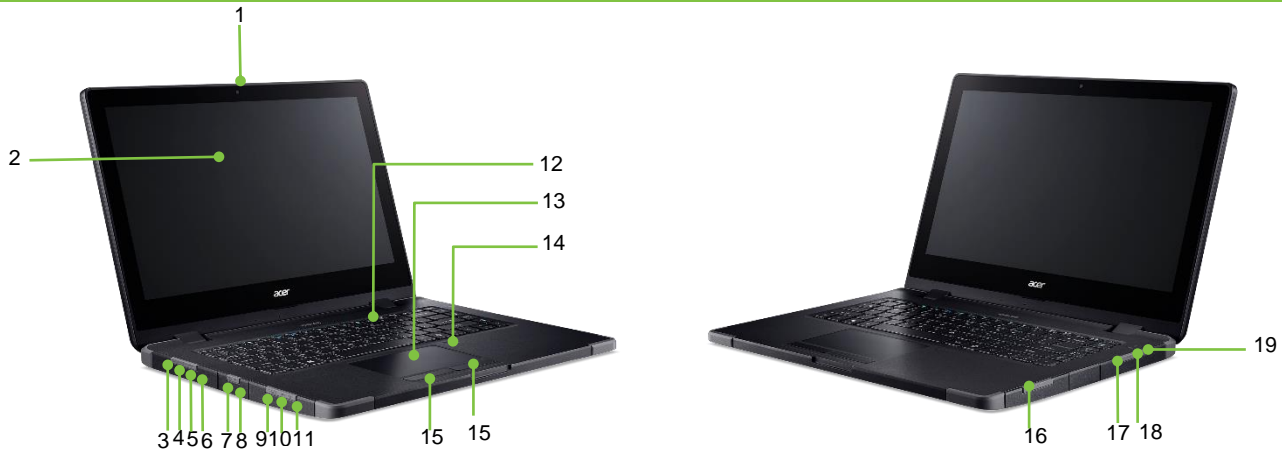


Wi-Fi 6
Wireless
Connection

SPECIFICATIONS

Acer ENDURO N3

EN314-51W / EN314-51WG



Product views	<ol style="list-style-type: none"> 1. Camera 2. 14.0" display 3. DC-in jack 4. RJ-45 port 5. VGA port 	<ol style="list-style-type: none"> 6. HDMI® port 7. USB 3.2 Gen 1 port 8. USB 3.2 Gen 1 port 9. USB Type-C™ port 10. SD™ card slot 	<ol style="list-style-type: none"> 11. Headset jack 12. Keyboard 13. Touchpad 14. Fingerprint reader 	<ol style="list-style-type: none"> 15. Click button (left and right) 16. Smart Card reader 17. RS232 port 18. Kensington lock slot
Operating system ^{1,2}	Windows 10 Pro 64-bit	Windows 10 Home 64-bit		
CPU and chipset ¹	Intel® Core™ i7-10510U processor	Intel® Core™ i5-10210U processor	Intel® Core™ i3-10110U processor	
Memory ^{1,3,4,5}	Dual-channel DDR4 SDRAM support: <ul style="list-style-type: none"> Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules 			
Display ⁶	14.0" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD <ul style="list-style-type: none"> 16:9 aspect ratio, 45% NTSC color gamut Wide viewing angle up to 170 degrees Mercury free, environment friendly 			
Graphics ^{1,7}	Intel® UHD Graphics	NVIDIA® GeForce® MX230 (EN314-51WG only)		
Audio	<ul style="list-style-type: none"> Two built-in stereo speakers 	<ul style="list-style-type: none"> Built-in digital microphone 		
Storage ^{1,8,9}	Solid state drive: <ul style="list-style-type: none"> 128 GB / 256 GB / 512 GB / 1 TB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe 	Hard disk drive: <ul style="list-style-type: none"> 1 TB 2.5-inch 7200 RPM 500 GB / 1 TB / 2 TB 2.5-inch 5400 RPM 		
Webcam ¹	HD webcam with 1280 x 720 resolution and 720p HD audio/video recording			
Wireless and networking ¹	<ul style="list-style-type: none"> Gigabit Ethernet, Wake-on-LAN ready Intel® Wireless Wi-Fi 6 AX201 802.11a/b/g/n/ac/2x+ax wireless LAN 	<ul style="list-style-type: none"> Dual Band (2.4 GHz and 5 GHz) 2x2 MU-MIMO technology 	<ul style="list-style-type: none"> Supports Bluetooth® 5.1 Wi-Fi CNVi Interface 	
Security	Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification		Discrete Trusted Platform Module (TPM) solution BIOS user, supervisor passwords, Kensington lock slot	
Dimensions and weight ^{10,11}	Dimensions: 351 (W) x 247 (D) x 24.85 (H) mm (13.82 x 9.72 x 0.98 inches)		Weight: 1.985 kg (4.38 lbs.) with 3-cell battery pack, one SSD	
Power adapter and battery ¹²	Power adapter: <ul style="list-style-type: none"> 3-pin 45 W AC adapter (EN314-5W only) 3-pin 65 W AC adapter (EN314-51WG only) 		Battery <ul style="list-style-type: none"> 48 Wh 3-cell Li-ion battery, (for models with Full HD Panel + HDD + SSD), Battery life up to 13 hours 	
Input and control	Keyboard 87-/88-/91-key FineTip keyboard with Home, End, Pg Up, Pg Dn keys, international language support, power button 87-/88-/91-key Acer FineTip backlit keyboard with Home, End, Pg Up, Pg Dn keys, international language support, power button Touchpad Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> Microsoft Precision Touchpad certification Moisture resistant 			
Windows Desktop Apps ¹³	<ul style="list-style-type: none"> Acer Control Center Quick Access Acer Product Registration 		Acer Enduro Manageability Suite Agent <ul style="list-style-type: none"> Acer hotkey definition for rugged devices I/O control Device monitor Application, BIOS and Windows update deployment 	
System compliance ¹⁴	<ul style="list-style-type: none"> Wi-Fi® 	<ul style="list-style-type: none"> ENERGY STAR® 	<ul style="list-style-type: none"> EPEAT® registered 	
Warranty	One-year International Travelers Warranty (ITW)			
Quality and reliability tests	<ul style="list-style-type: none"> IP (Ingress Protection) Rating IP53 Military Reliability Test (MIL-STD 810G) Low Pressure (Altitude) (MIL-STD 810G) High Temperature (MIL-STD 810G) 	<ul style="list-style-type: none"> Low Temperature (MIL-STD 810G) Rain (MIL-STD 810G) Humidity (MIL-STD 810G) Salt Fog (MIL-STD 810G) Sand and Dust (MIL-STD 810F) 	<ul style="list-style-type: none"> Vibration (MIL-STD 810G) Mechanical Shock (Unpackaged), Transit Drop 122 cm (MIL-STD 810G) Mechanical Shock (Packaged), Transit Drop 122 cm (MIL-STD 810G) Temperature Shock (MIL-STD 810G) 	
Others	Spill-resistant keyboard. Provides protection against up to 330 ml of water spillage.			

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- Specifications vary depending on model.
- 64-bit software is required to enjoy the advantages of 64-bit processing.
- Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.
- Memory speed may vary, depending on the CPU, chipset or memory fitted.
- A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
- All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
- Not all features indicated are supported on all SKUs
- 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.

- 1 GB is 1 billion bytes, 1 TB is 1000 GB. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
- Minor variations in system dimensions are possible due to the manufacturing process.
- Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
- Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014® testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.
- Bundled software may vary depending on hardware configuration, OS and regional availability.
- EPEAT® registration varies by country. See <http://www.epeat.net/> for registration status for each country.

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.

As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.

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