

Iconia B3-A42 Specifications (v1-0-1)			
Category		Description	Footnotes
Operating system	1	Android 7.0 (Nougat)	
CPU and chipset	1	MTK MT8735 quad-core Cortex A53 1.3 GHz processor	
Memory	1, 2	Dual-channel LPDDR3 SDRAM support: <ul style="list-style-type: none"> • 2 GB of onboard LPDDR3 memory 	3, 4
Display	1	10.1" display with IPS (In-Plane Switching) technology, HD 1280 x 800, high-brightness LED-backlit TFT LCD with integrated multi-touch, supporting 10-finger touch 16:10 aspect ratio Wide viewing angle Super-slim design Mercury free, environment friendly	5
Audio		<ul style="list-style-type: none"> • Optimized DTS-HD Premium Sound™, featuring DTS-HD® decoder, Virtual Surround Sound and Audio Enhancements • Two built-in stereo speakers • Built-in microphone 	
Storage		<ul style="list-style-type: none"> • 16 GB eMMC Card reader <ul style="list-style-type: none"> • Supporting: microSD™ Card (SDXC) 	6
Webcam	1	Video conferencing Rear webcam with: <ul style="list-style-type: none"> • 2560 x 1920 resolution • 1080p Full HD audio/video recording Front webcam with: <ul style="list-style-type: none"> • 1600 x 1200 resolution • 720p HD audio/video recording 	
Wireless and networking	1	WLAN <ul style="list-style-type: none"> • 802.11a/b/g/n wireless LAN WPAN <ul style="list-style-type: none"> • Bluetooth® 4.0 Location services <ul style="list-style-type: none"> • GPS • GLONASS support WWAN <ul style="list-style-type: none"> • GSM / GPRS / EDGE: 850 / 900 / 1800 / 1900 MHz • GPRS / EDGE: Multi-slot class 12 • WCDMA: 1, 2, 5 (2100 / 1900 / 850 MHz), upload up to 11.5 Mbps / download up to 42.2 Mbps 	7, 8 1

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		<ul style="list-style-type: none"> • LTE Cat.4, Band 1, 3, 7, 8, 20 (2100 / 1800 / 2600 / 900 / 800 MHz), upload up to 50 Mbps / download up to 150 Mbps 	
Color options		White	
Dimensions and weight	9	Dimensions <ul style="list-style-type: none"> • 259 (W) x 167.5 (D) x 9.15/9.15 (H) mm (10.2 x 6.59 x 0.36/ inches) Weight <ul style="list-style-type: none"> • 0.550 kg (1.21 lbs.) with 2-cell battery pack 	
Power adapter and battery	1	Power adapter 2-pin 10 W AC adapter <ul style="list-style-type: none"> • 53.7 (W) x 41 (D) x 27.5(H) mm • 45 g without DC cable • AC power plug is interchangeable 2-pin 10 W AC adapter <ul style="list-style-type: none"> • 43.0 (W) x 43.0 (D) x 27.5 (H) mm (1.69 x 1.69 x 1.08 inches) • 48 g without USB cable • Fixed AC pins Battery <ul style="list-style-type: none"> • 22.4 Wh 6100 mAh 3.7 V 2-cell Li-ion battery pack Battery life: Up to 9 hours (based on video playback test results)	10
Input and control		Control Keys <ul style="list-style-type: none"> • Power button • Volume up, volume down 	
Input and output		microSD card up to 128 GB (SDXC compatible, exFAT compatible) Micro USB 2.0 Type B, supports OTG 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone Nano SIM slot	
Sensors		Proximity sensor Accelerometer (G-sensor) Ambient light sensor	
Options and accessories		Acer Tripod stand <ul style="list-style-type: none"> • Micro USB 2.0 to USB 2.0 cable • 2-pin 10 W AC adapter 	
System compliance		<ul style="list-style-type: none"> • RoHS compliance • WEEE compliance • SMT green process 	
Warranty		One-year International Travelers Warranty (ITW)	
Others		<ul style="list-style-type: none"> • Power LED indicator 	
1. Specifications vary depending on model. 2. 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. 3. Memory speed may vary, depending on the CPU, chipset or memory fitted.			

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4. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
6. 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.
7. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
8. Subject to availability.
9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
10. The listed battery life is obtained by simulating watching video clips stored on the mobile device. The test clip loops and continues to run, without interruption or any other inputs, until the battery is drained. Stated battery life is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, video clip format, and features used. A battery's maximum capacity decreases with time and use.

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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HD LED

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5.0MP
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COMBO
AUDIO JACK

