Iconia B3-A40 Specifications (v4-0-4)

Category		Description	Footnotes
Operating system	1	Android 7.0 (Nougat)	
CPU and chipset	1	**MTK MT8167** quad-core Cortex A35 1.3 GHz processor	
Memory	1, 2	DDR3L memory support: • 2 GB of onboard DDR3L system 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		High-definition audio support Two built-in stereo speakers Built-in microphone	
Storage		• 32 GB eMMC • 16 GB eMMC **Card reader** • SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity)	6 6
Webcam	1	**Video conferencing** Rear webcam with: • 2560 x 1920 resolution • 1080p Full HD audio/video recording Front webcam with: • 1600 x 1200 resolution • 720p HD audio/video recording	
Wireless and networking	1	**WLAN** • 802.11a/b/g/n/ac wireless LAN • Operates at 2.4 GHz and 5 GHz **WPAN** • Bluetooth® 4.1	1
Color options		White + White TP Black + Black TP	
Dimensions and weight	7	**Dimensions** • 258.4 (W) x 167.15 (D) x 9.15/9.15 (H) mm (10.17 x 6.58 x 0.36/0.36 inches) **Weight** • 0.53 kg (1.17 lbs.) with 2-cell battery pack	

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Power adapter and battery [1]	Power adapter 2-pin 10 W AC adapter: • 75.3 (W) x 45 (D) x 33.8 (H) mm • 75 g, without DC cable • AC power plug is interchangeable 2-pin 10 W AC adapter: • 43 (W) x 43 (D) x 27.5 (H) mm • 57 g, without DC cable • Fixed AC pins **Battery** • 22.4 Wh 6100 mAh 3.7 V 2-cell Li-ion battery pack Battery life: Up to 10 hours (based on video playback test results)	[8]
Input and control	**Control Keys** • Power button • Volume up, volume down	
Input and output	Micro USB 2.0 Type B, supports OTG Micro USB 2.0 port microSD card up to 128 GB (SDXC compatible, exFAT compatible)	
Sensors	Accelerometer (G-sensor)	
Options and accessories	• Micro USB 2.0 to USB 2.0 cable • 2-pin 10 W AC adapter	
System compliance	• RoHS compliance • WEEE compliance • SMT green process	
Warranty	One-year International Travelers Warranty (ITW)	

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.
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. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
8. 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.

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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.

About Acer

Established in 1976, Acer is a *hardware + software + services* company dedicated to the research, design, marketing, sale, and support of innovative products that enhance people's lives. Acer's product offerings include PCs, displays, projectors, servers, tablets, smartphones and wearables. It is also developing cloud solutions to bring together the Internet of Things. Acer is celebrating its 40th anniversary in 2016 and is one of the world's top 5 PC companies. It employs 7,000 people worldwide and has a presence in over 160 countries. Please visit www.acer.com for more information.

Appendix

v2-0-2 (Ver. 2)

Audio

v3-0-3 (Ver. 3)

Audio

Wireless and networking

v4-0-4 (Ver. 4)

Memory