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Iconia B3-A50FHD Specifications (v7-0-7)

Category		Description	Footnotes
Operating system	1	AndroidTM 8.1 OreoTM	2
CPU and chipset	1	**MTK MT8167A** quad-core Cortex A35 1.5 GHz processor	
Memory	1, 3	DDR4 memory support: • 2 GB of onboard DDR4 system memory	4, 5
Display	1	10.1" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1200 resolution, high-brightness, LED-backlit TFT LCD Wide viewing angle Mercury free, environment friendly	6
Audio		• Optimized DTS Headphone:X SoundTM, featuring DTS Headphone:X ® decoder, Virtual Surround Sound and Audio Enhancements • Two built-in stereo speakers • Built-in microphone	
Storage		• 32 GB eMMC • 16 GB eMMC **Card reader** • SDTM / SDXCTM card reader (accepts cards up to 128 GB capacity)	7 7
Webcam	1	**Video conferencing** Front webcam with: • 1600 x 1200 resolution • 720p HD audio/video recording Rear webcam with: • 2560 x 1920 resolution • 1080p Full 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 **Location services** • GPS • GLONASS support	1
Color options		Sliver + Black TP Gold + Black TP	
Dimensions and weight	8	**Dimensions** • 170 (W) x 253.9 (D) x 8.3/8.3 (H) mm (6.69 x 10 x 0.33/0.33 inches) **Weight** • 0.56 kg (1.23 lbs.) with 2-cell battery pack	

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Power adapter and battery [1]	**Power adapter**
	2-pin 10 W AC adapter:
	• 43 (W) x 43 (D) x 27.5 (H) mm
	• 57 g, without DC cable
	• Fixed AC pins
	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
	Battery
	• 22.4 Wh 6100 mAh 3.7 V 2-cell Li-ion battery pack
	   Battery life:
	   Up to 7.5 hours (based on video playback test results)
		9

Input and control	**Control Keys** • Power button • Volume up, volume down	
Input and output	Micro USB 2.0 Type B, supports OTG 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. Android is a trademark of Google LLC; Oreo is a trademark of Mondelez International, Inc. group.
3. 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.
4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
7. 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.
8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
9. 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

Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.

Appendix

v3-0-3 (Ver. 2)

Dimensions and weight

v5-0-5 (Ver. 3)

Operating system

v7-0-7 (Ver. 4)

Wireless and networking