



Zebra WS501 handheld mobile computer 5.08 cm (2") 460 x 460 pixels Touchscreen 134 g Black

Brand : Zebra

Product code: WS5012-0F3J1020EA6

Product name : WS501

- Screen Size: 2 inches (5 cm)
 - Operating System: Android, for supported versions visit: www.zebra.com/android-versions
 - Battery Capacity: 5 Wh (1,300 mAh)
- Finger Mount, 2D, SE4770, USB, Android, RB

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The WS501 Wearable Computer enhances scan-intensive tasks with hands-free, high-performance computing. Building on the WS50, it offers a powerful processor, triple the RAM, and quadruple the Flash. With Wi-Fi 6 and Bluetooth 5.3, it ensures seamless connectivity to Enterprise Mobility Management (EMM) systems. Designed for maximum productivity, the WS501 boosts throughput and provides a future-proof platform, delivering exceptional ROI for your operations.

Zebra WS501. Display diagonal: 5.08 cm (2"), Display resolution: 460 x 460 pixels. Internal memory: 3 GB, Flash memory: 32 GB. Processor manufacturer: Qualcomm, Processor family: Qualcomm. Operating system installed: Android. Wi-Fi standards: Wi-Fi 6 (802.11ax). Barcode reader

Display		Ports & interfaces	
Display	AMOLED	USB 2.0 ports quantity	1
Display diagonal *	5.08 cm (2")	Performance	
Display resolution *	460 x 460 pixels	Product colour *	Black
Touchscreen *	✓	Barcode reader *	✓
Touchscreen type	Capacitive	Scanner type	2D
Display glass type	Gorilla Glass	International Protection (IP) code	IP65
Memory		Handle(s)	✓
Internal memory *	3 GB	Drop proof	✓
Flash memory *	32 GB	Drop proof	180 cm
Processor		Sensors	
Processor manufacturer	Qualcomm	Ambient light sensor	✓
Processor family *	Qualcomm	Accelerometer	✓
Built-in processor	✓	Software	
Network		Operating system installed *	Android
Wi-Fi *	✓	Weight & dimensions	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Weight *	134 g
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)	Width	62 mm
Bluetooth *	✓	Depth	64 mm
Bluetooth version	5.3	Height	28 mm
Bluetooth Low Energy (BLE)	✓	Operational conditions	
Antenna type	2x2	Operating relative humidity (H-H)	5 - 95%
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11d, IEEE 802.11g, IEEE 802.11h, IEEE 802.11i, IEEE 802.11k, IEEE 802.11mc, IEEE 802.11n, IEEE 802.11r, IEEE 802.11v, IEEE 802.11w	Operating temperature (T-T)	-10 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Battery	
	EAP-PWD, EAP-TLS, EAP-TTLS, LEAP, MSCHAPv2, PEAP, WEP, WPA, WPA2, WPA3	Battery capacity *	1300 mAh
Security algorithms			
Near Field Communication (NFC)	✓		
Audio			
Built-in microphone	✓		
Speakers	✓		

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