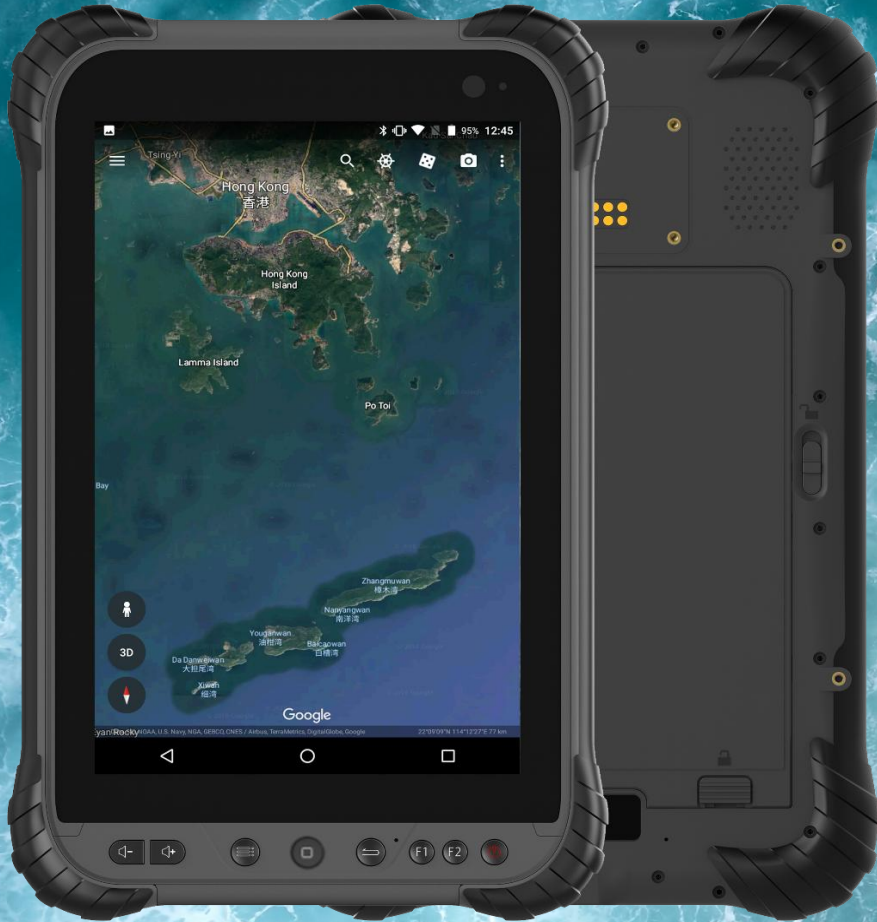


ZOOMSMART A8003

RUGGED TABLET PC

8 Inch Rugged Multi-function Mobile Computer



ALL-mode
Full Bands



TMS
E20



Android OS
10



9000MAH
Safety Battery



8MP+16MP
Camera



IP67
(IEC 60529)



4GB RAM
64GB ROM

Quick View



SPECIFICATION

Model: A8003

Hardware		Communications & Networking	
CPU	Qualcomm® Snapdragon SDM632 octa core 4×A73 + 4×A53 1.8GHz	2G	GSM/EDGE/GPRS/WAP
GPU	Adreno™ 506	2G Band	GSM (B2/3/5/8)
RAM	4GB	3G	WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps)
Internal Memory	64GB	3G Band	WCDMA(B1/2/5/8)
External Memory	Micro SD card (T-FLASH card), max 1TB	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
Main Camera	13.0MP(AF) with flash led	4G Band	TDD-LTE (B34/B38/39/40/41); FDD LTE (B1,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28)
Sub Camera	5.0MP	NFC	13.56 MHz ISO/IEC14443, ISO/IEC15693, MIFARE, Felica, Read distance: 3-5cm
Battery	9000mAh (Replaceable battery)	Wi-Fi	Dual-band WIFI(2.4GHz/5GHz) single stream 802.11 a/b/g/n/ac/ax
Display	8 inch IPS/AFFS HD 1280 x 800 / Corning Gorilla 3 / Light transmittance: over than 95%	BT	4.2 Low Energy (LE)
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	Industrial & Reliability Design	
IO/Sensor/Navigation		Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
SIM Card/TF Card	Nano SIM card * 2 + Micro SD card * 1	Dropproof /IK	MIL-STD-810G, Method 516.6 Procedure IV & Touch Panel IK05
Charging interface	Qualcomm® Quick Charge™ Type-C & 14pin pogo pin(magnetic) UART/USB/CAN/DCIN/GPIO/USB2.0	Waterproof	Class 7 (IEC 60529)
Data interface	Type-C(OTG)*1	Dustproof	Class 6 (IEC 60529)
Gravity Sensor	Support	Operating temperature	-20 °C to 60 °C (-4 °F to 140 °F) MIL-STD-810G, Method 501.5/502.5 Procedure II
Gyroscope Sensor	Support	Storage Temperature	-30 °C to 70 °C (-22 °F to 158 °F) MIL-STD-810G, Method 501.5/502.5 Procedure I
Accelerometer Sensor	Support	Reliability	MTBF>5000h; MTTR<0.5h
Ambient Light	Support	RH Humidity	0% ~ 95% (non-condensing) MIL-STD-810G, Method 507.5 Procedure II
Proximity	Support	Operating Altitude	4,572 m (15,000 ft) MIL-STD-810G, Method 500.5 Procedure I
Geomagnetism	Support	Certification/OS/Software	
Charger	5.0V 2A-10W	Certification/OS/Software	FCC/CE/ROHS/IP68 (IEC 60529) Google Mobile Service
Navigation	GPS+Beidou+Glonass+Galileo+AGPS+SBAS	Language	English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified, Chinese,Chinese Traditional,etc
Appearance		OS	Android 10
Size	235mm ×146mm × 13mm (9.3" × 5.7" × 0.5") (L×W×H)	Package/Warranty Terms/OEM	
Weight	630g (22.2 oz)	Warranty	12 Months (6-month Battery Warranty)
Color & Material	Black, Aluminum alloy (PC+ABS, Sabik)	OEM/ODM	Support
		Package	USB cable, Adapter, Screen protector, Packing box(Customizable LOGO optional), cleaning cloth (cotton), QSG, Cushioning foam.

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OPTIONAL MODULES

Biometric fingerprint		GNSS Positioning Module	
Receiver type	Optical fingerprint sensor	Module	High-precision multi-mode GNSS positioning module(meter-level RTD)
Collection Window size	21.0×26.0 mm	Signal (tracking frequency)	BDS: B1I, B2I, B3I, B1C, B2a, B2b GPS: L1 C/A, L1C, L2P (Y), L2C,L5 GLONASS: G1, G2, G31 Galileo: E1, E5a, E5b, E6. QZSS: L1, L2,L5
Image pixel & Resolution	400×500 pixel / 500dpi		
Data Collection		Channel	1408-channel
Scanning engine	Zebra Barcode module	Single-point positioning accuracy	1.0 m CEP50 (with SBAS); 1.5 m CEP50 (without SBAS)
2D	QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Hanxin code, Dotcode, Composite.	RTD Accuracy	1.0 m CEP (with RTD)
1D	Code 128 (ISBT 128, AIM 128, GSI 128), EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GSI DataBar, Plessey, Febraban.	Nav. update rate	5 Hz / 10Hz / 20Hz / 50Hz optional
Warmth sensation		Cold start	25 s
Temperature pressure sensor		Hot start	2 s
UHF RFID Reader		Aided start	2 s
UHF RFID Module/ Antenna	Air Interface Protocol: EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C Operating Spectrum Range: 902Mhz – 928Mhz, 865MHz – 868MHz(Optional) Output Range: 0-26 dBm Output Accuracy: +/- 1dB Output Power Level: +/- 0.2dB Tag recognition is sensitive and stable. Read Distance : 2-3m(2dB Antenna Test Card E41)	Positioning accuracy	0.01M+1ppm CEP
		Data Format	NMEA 4.10, UBX binary, RTCM 3.3
		Inertial navigation	none
More optional upgrade			
		FHD LCD 1200*1920 pixel	
		Ublox ZED-F9P GNSS module	
		Honeywell 6703 2D scanning	
		Can-Bus	
		Qualcomm MSM8953 2.2GHz CPU	
		Qualcomm SDM450 1.8GHz CPU	



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