

Zoomsmart A1003 Series Tech Specs

Category	Specifications
Project	Zoomsmart A1003 / A1003T / A1003L / A1003P
Basic Parameters	
Dimensions	256mm × 187mm × 17mm (10.1" × 7.4" × 0.7")
Weight	950 g (33.5 oz)
Color	Black
LCD	10" IPS LCD 1920×1200 pixel, 500nits sunlight readable
Touch panel	Capacitive multi-touch
Camera	Rear: 13 megapixels with auto-focus and flash; Front: 5 megapixels
Adapter	QC3.0
I/O Interface	10×back pogo pin UART/USB/CAN/DCIN/GPIO; 24×bottom USB2.0/DCIN/GPIO/UART
Button	Power
Vital keys	Home, Manu, Back, Volume up/down, F1, F2
Ports	x2 Nano-SIM, Micro SDXC, Qualcomm® Quick Charge™ Type-C, 2×USB TypeA, 1×HDMI, 1×3.5mm headphone jack.
Performance parameters	
Processor	Qualcomm® Snapdragon SDM632 4×A73 + 4×A53, 8 cores 1.8GHz (A1003/A1003P) Qualcomm® Snapdragon SDM450 8×A53 8 cores 1.8GHz (A1003L) Qualcomm® Snapdragon MSM8953pro 8×A53 8 cores 2.2GHz (A1003T)
Operating System	Android10 (GMS)
RAM and Storage	4GB/64GB (A1003/A1003P/A1003T) 3GB/32GB (A1003L)
Battery parameters	
Battery capacity	Standard 3.8V/11700mAh, 44.46Wh. User-replaceable
Battery type	Lithium-ion polymer battery
Battery life	10h (Volume: 50%, 250nits, Play 1080P HD videos)
Small battery	Hot swap supported
Communication	
Cellular (WWAN)	GSM: 850 / 900 / 1800 / 1900 EVDO: BC0 WCDMA: B1 / B2 / B5 / B8 TD-SCDMA: B34 / B39 TDD-LTE: B38 / B39 / B40 / B41 FDD-LTE: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B17 / B20 / B28
Wireless LAN	2.4 GHz + 5 GHz, 802.11 b/g/n/ac
Bluetooth	BT4.2
NFC	13.56 MHz
Audio	Rear-facing speaker, Microphone
Positioning	GPS/GLONASS/BeiDou/Galileo Dedicated u-blox NEO-M8N GNSS receiver Dedicated u-blox NEO-M8T GNSS receiver (optional) Dedicated u-blox NEO-M8U GNSS receiver (optional)
GNSS tool	Location tool (A1003P)
Environment	
Operating	-20 °C to 60 °C (-4 °F to 140 °F) MIL-STD-810G, Method 501.5/502.5 Procedure II
Storage	-30 °C to 70 °C (-22 °F to 158 °F) MIL-STD-810G, Method 501.5/502.5 Procedure I
Sand / Dust / Water	IP67 IEC 60529
Drop / Shock	26 drops from 1.2 m (4 ft.) MIL-STD-810G, Method 516.6 Procedure IV
Vibration	MIL-STD-810G, Method 514.6 Procedures I & II
Humidity	0% ~ 95% (non-condensing) MIL-STD-810G, Method 507.5 Procedure II
Altitude	4,572 m (15,000 ft) MIL-STD-810G, Method 500.5 Procedure I
Sensors	
Gravity	Yes
Gyroscope	Yes
Accelerometer	Yes
Ambient light	Yes
Fingerprint	Yes
Optional	
ROM	128GB
Certifications	
Standard	CE, FCC
Optional	ISED, RCM, UKCA, KC, PTCRB, GCF etc.

Accessories

Items	Specifications
Spare battery	3.8V/11700mAh, 44.46Wh
Battery charger dock	Input: 9V/3A; Output: 4.35V/1.5A; Compatibility A8003/A1003 series batteries
Full functions dock	1*RS-232, 2*USB TypeA, 1*RJ45, 1*Charging port
Hand strap	130×150mm(inner); 220×230mm(outer); 4×Screw hole: Φ2.3±0.05mm.
Shoulder strap	130×150mm(inner); 220×230mm(outer); 4×Screw hole: Φ2.3±0.05mm; Strap length: 3m (adjustable), screen cover.
Pen	Active pen / Passive pen
Tactical vehicle mount	Metal/Plastic
Pole mount	Metal
RTK Ntrip	Ublox F9P external antenna Unicom UM980 Positioning accuracy: 0.01M+1ppm CEP GNSS bands: B1/B2/G1/G2/L1/L2/E1/E5 Cold start/Convergence time: 30s
UHF RFID	902-928MHz / 865-867MHz / 840-845,920-925MHz
2D scanner	Honeywell 6703 Image Sensor: 640*480 CMOS Red light LED625±10nm 2D: PDF417/QR1,2, Micro/ECC200/ECC000,050,080,100,140/Hanxin code. 1D: Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey; CS1 Data Matrix/QR1, QR3, QR4, QR5 Limited, RSS-Evol.
Centering Rod	Centering rod (with Pole mount)
Mushroom antenna	Mushroom antenna (with wires)





