

## A1008 Tech Specs

Category	Specifications
Project	A1008
<b>Basic Parameters</b>	
Dimensions	274mm × 187mm × 17mm (10.7" × 7.4" × 0.7")
Weight	960 g (31.8 oz) with battery and scanner
Color	Black
LCD	10" IPS LCD 1920×1200 pixel, 500nits sunlight readable
Touch panel	Capacitive multi-touch interface for use with gloves and in wet conditions
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
Physical 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
<b>Performance parameters</b>	
Processor	Qualcomm Snapdragon SM4350pro 2* Kryo 460 Gold(A76) 2.2GHz + 6* Kryo 460 Silver(A55) 1.8GHz
Operating System	Android15
RAM and Storage	standard: 8GB+256GB optinal: 6GB+128GB
<b>Battery parameters</b>	
Battery capacity	Standard 3.8V/11700mAh, 44.46Wh. User-replacable
Battery type	Lithium-ion polymer battery
Battery life	12h running, 168h standby. 500 full charging cycles in 3 years.
<b>Communication</b>	
Cellular (WWAN)	GSM: 850 / 900 / 1800 / 1900 EVDO: BC0 WCDMA: B1 / B2 / B4 / B5 / B8 TD-SCDMA: B34 / B39 LTE: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B20 / B28 / B34 / B38 / B39 / B40 / B41 NR-5G: N1 / N3 / N28 / N41 / N78 / N79
Wireless LAN	2.4 GHz + 5 GHz, 802.11 b/g/n/ac
Bluetooth	BT5.1
NFC	13.56 MHz
Audio	Rear-facing speaker, Microphone
Positioning	GPS/GLONASS/BeiDou/Galileo
<b>Environment</b>	
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	IP68 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
<b>Sensors</b>	
Gravity	Yes
Gyroscope	Yes
Accelerometer	Yes
Ambient light	Yes
<b>Certifications</b>	
Standard	CE, FCC
Optional	ISED, RCM, UKCA, KC, PTCRB, GCF, JET, PSE, MIC, 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
2D scanner	Honeywell 6703





