

A8008 Series Tech Specs

Category	Specifications
Project	A8008
<b>Basic Parameters</b>	
Dimensions	210mm x130mm x 14mm (8.3" x 5.1" x 0.6")
Weight	560g (24.6 oz) with battery and scanner
Color	Black
LCD	8" IPS LCD 1280x800 pixel, 700nits 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	12xback pins UART/USB/CAN/DCIN/GPIO; 10xbottom pins USB2.0/DCIN/GPIO.
Physical Buttons	Power, Volume up/down, F1, F2, F3, F4
Virtual keys	Home, Manu, Back
Ports	x2 Nano-SIM, Micro SDXC, Qualcomm® Quick Charge™ Type-C(DP supported), 2xUSB TypeA.
<b>Performance parameters</b>	
Processor	Qualcomm® QCM6490 1*A78 2.7GHz+3*A78 2.4GHz+4*A55 1.9GHz
Operating System	Android13
RAM and Storage	8GB/128GB
<b>Battery parameters</b>	
Battery capacity	Standard 3.8V/7000mAh, 26.6Wh. User-replacable
Battery type	Lithium-ion polymer battery
Battery life	12h running, 168h standby, 500 full charging cycle / 3 years
<b>Communication</b>	
Cellular (WWAN)	GSM: 850 / 900 / 1800 / 1900 WCDMA: B1 / B3 / B5 / B8 TD-SCDMA: B34 / B39 LTE-TDD: B38 / B39 / B40 / B41 LTE-FDD: B1 / B2 / B3 / B5 / B7 / B8 / B20 / B26 / B28 5G NR: N1 / N2 / N3 / N4 / N5 / N7 / N8 / N11 / N12 / N13 / N14 / N16 / N17 / N18 / N19 / N20 / N21 / N22 / N23 / N25 / N26 / N27 / N28 / N29 / N30 / N31 / N32 / N33 / N34 / N35 / N36 / N37 / N38 / N39 / N40 / N41 / N42 / N43 / N44 / N45 / N46 / N47 / N48 / N49 / N50 / N51 / N52 / N53 / N54 / N55 / N56 / N57 / N58 / N59 / N60 / N61 / N62 / N63 / N64 / N65 / N66 / N67 / N68 / N69 / N70 / N71 / N72 / N73 / N74 / N75 / N76 / N77 / N78 / N79 / N80 / N81 / N82 / N83 / N84 / N85 / N86 / N87 / N88 / N89 / N90 / N91 / N92 / N93 / N94 / N95 / N96 / N97 / N98 / N99
Wireless LAN	2.4 GHz + 5 GHz, 802.11 a/b/g/n/ac/ax, 2x2 MU MIMO <b>Please note, The QCM6490 support 802.11 ax</b>
Bluetooth	BT5.2
NFC	13.56 MHz
Audio	Rear-facing speaker, Microphone
Positioning	GPS/Galileo/BeiDou/GLONASS
<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
Vibrator	Yes
Ambient light	Yes
<b>Certifications</b>	
Standard	CE, FCC
Optional	ISED, RCM, UKCA, KC, PTCRB, GCF etc.

Accessories

Items	Specifications
Spare battery	3.8V/7000mAh, 26.6Wh
Hand strap	80.50x96.00mm(Inner); 115x132mm(outer); 4xScrew hole: Φ2.1±0.05mm.
Shoulder strap	80.50x96.00mm(Inner); 140x230mm(outer); 4xScrew hole: Φ2.1±0.05mm; Strap length: 3m (adjustable)
Pen	Passive pen
Pole mount	Plastic main braket with metal connector and C clamp
2D scanner	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; GS1-DataBarTM(RSS), (RSS-14, RSS-Limited, RSS-Exp)



