

Rugged Tablet 8 Inch CL8



PHYSICAL CHARACTERISTICS		
Dimension	243*159.6*23mm	
Weight	Net Weight :600g (including Battery & wrist strap)	
Display	8.0 inch. TFT-LCD 1200*1920 touch screen with backlight	
Backlight	LED Backlight	
SIM Socket	Dual SIM Card Slot and One TF Card	
Battery / Charging	Rechargeable li-ion polymer, 3.8V,8000mAh / Type C Fast Charging 15W	
PERFORMANCE CHARACTERISTICS		
CPU	MTK 6762 2.0 GHz 8 Core	
Operating System	Android 12	
Storage	4GB RAM + 64GB ROM, MicroSD (max 256 GB expansion)	
USER ENVIRONMENT		
Operating Temp.	-20°C to 50°C	
Storage Temp.	-20°C to 70°C	
Humidity	5%RH to 95%RH(non-condensing)	
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range	
Sealing	IP65, IEC compliance	
ESD	±15kv air discharge, ±8kv direct discharge	
DEVELOPMENT ENVIRONMENT		
SDK	Handheld-Wireless Software Development Kit	
Language	Java	
Environment	Android Studio or Eclipse	
DATA COMMUNICATION		
WWAN	TDD-LTE Band 38, 39, 40, 41 FDD-LTE Band 1, 2, 3, 4, 7, 17, 20;	
	WCDMA(850/1900/2100MHz);	
	GSM/GPRS/Edge (850/900/1800/1900MHz);	
WLAN	2.4GHz/5.0GHz Dual Frequency, IEEE 802.11 a/b/g/ac	
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0	
GPS	GPS + Galileo + Beidou + Glonass internal antenna	
DATA CAPTURE		
FINGERPRINT		
	Sensing Area	14 x 22
	Fake Finger Detection:	Latex, GeLatin, Plasticine, Kapton, Transparent Film, Silicone, Rubber, Play-doh, Graphite or Paper
	Chipset	Aratek A600-M FBI Certified: PIV Specification, Mobile ID FAP 20) STQC Certified: UIDAI Level-0 certification) Live Finger Detection (LFD)) AES-256 Encryption) USB / UART / SPI interfaces
	Image Specs:	500 dpi, 256 greylevel
	Certifications	FBI certification and STQC Certificate
NFC READER		
NFC	Frequency	13.56 Mhz
	Protocol	ISO14443AB, ISO15693, NFC-IP1, NFC-IP2, etc.
	Chipset	PN553 is an NFC controller designed for integration in mobile devices and devices compliant with NFC standards (NFC Forum, NCI, EMVCo, ETSI/SCP
	Range	2cm-4cm
BARCODE READER (OPTIONAL)		
1D barcode (option)	1D laser engine	Symbol SE955
	Symbologies	All major 1D barcodes
2D barcode (option)	2DCMOSImager	2EBRA SE4710
	Symbologies	, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.
COLOR CAMERA		
Resolution	Rear 13 megapixel, front 5.0 megapixel	
Lens	Auto-focus with LED flash	
RFID READER (OPTIONAL)		

RFID LF	Frequency	125KHz/134.2KHz(FDX-B/HDX)
	Protocol	ISO 11784&11785
	R/W Range	2cm to 10 cm
RFID HF/NFC	Frequency	13.56MHz
	Protocol	ISO 14443A&15693
	R/W Range	2cm to 8cm
RFID UHF	Frequency	865~868MHz or 920~925MHz
	Protocol	EPC C1 GEN2/ISO 18000-6C
	Antenna Gain	Circular antenna(2dBi)
	R/W Range	1.5 m to2.0 m(tags and environment dependent)
ACCESSORIES		
Standard	1x fast charging Power Supply (15W)	
	1x fast charging cable	
	DC port 5mm	
	POGO pin peripheral extensible interface	
	1xUSB data cable	
Optional	Charging Cradle	