RAIL

ASPEN

Product Specs

Standard Function	
Operating System	Android 9.0
CPU	MSM8953, 8 core CPU, 2GHz
RAM	RAM: 4GB FLASH: 64GB
Extended Storage	Micro SD, Maximum 256G
USB port	Type-C USB port; Support to connect U-disk/Mouse/Keyboard/OTG line
HDMI	HDMI port
OTG	Through OTG can meet 100M network port, network card setup, PPPoE dial-up, web browsing. Support OTG extend RS232 serial port/485 serial port/RJ45 Serial port
External port	Charge port, headphone port
Protection Grade	
Industrial Protection Grade	IP67
Drop Grade	Drop resistance from 1.2m
Wireless Communication	
Bluetooth	Support 4.2
GPS	GPS+BDS +GLONASS Support high precise GPS module (Ublox M8N/M8P,accuracy is 0.5 -3M)

2G/3G/4G LTE	**China/India:** LTE FDD:B1/B3/B5/B5 LTE TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 TD-SCDMA:B34/B39 EVDO/CDMA:BC0 GSM:900/1800MHZ **Europe/Africa:** LTE FDD:B1/B3/B5/B7/B8/B20/B28A LTE TDD:B38/B40/B41 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900MHZ **America:** LTE FDD:B2/B4/B5/B7/B8/B12/B13/B14/B25/B26 LTE TDD:B41 WCDMA:B1/B2/B4/B8 GSM:850/1900MHZ
Physical Parameters	
Display Screen	7 inch LCD screen, 1920*1200IPS brightness standard, capacitive touch screen
Keyboard	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
Camera	5 million pixels front camera, 13 million pixels rear camera with automatic focus and lighting function
Headset	3.5mm audio Interface, has MIC and Single loudspeaker
LED indicator light	Support (ordinary flicker, Call fast flicker, missed calls, charge indicator)
Flashlight Function	Support, can be used for emergency lighting
Googleplay store	Support
Gravity sensor	Support
Compass	Support
Gyroscopes	NOT Support
Acceleration sensors	Support
Light and distance sensor	Support
Vibrating motor	Support
FM	Support

Rechargeable Lithium Battery	3.8V, 10000mAh temperature wide battery
Dimension	232*158*22
Weight	810g
Environmental Characteristics	
Working Temperature	-20 ~ +55
Storage Temperature	-40 ~ +70
Humidity	5%-95% relative humidity; no condensation
Optional Function	
Barcode Scanning	**1D Laser Scanner Index (Internal):** Honeywell N4313 or Zebra EM1350 Scanning speed: 104 times/second+12 times/second (two-way scanning) Scanning distance: 2.5cm-114.3cm Scanning angle: 47±3¡(default) /35±3¡(reduced code) **2D Barcode Scanner Ind ex(Internal):** Newlands EM3096 Honeywell N3680 Motorola SE4750 Honeywell N6603 Identification ability: 1D, 2D, OCR Scanning angle: rotate 360¡, incline±50¡, deflection ±50¡ Field of View: Horizontal 36¡, vertical 23¡ Depth of field: 4cm-23.5cm Environmental luminance: 0~100,000 LUX
RFID	**HF RFID (Internal):** Support NFC/NXP,13.56MHZ ISO14443A,B and ISO15693 protocol, reading distance 0-3cm,Tag support type:SR176,SRIX4K T• YPE-B ,I,-Code2,TI RFID Tag -it HF-I,EM4034,Mifare Classic ETC **LF RFID:** 134.2KHZ LF RFID, support ISO11784/5 protocol, support to read IC card(FDX/HDX), 125KHZ LF RFID, support to read ID card **UHF RFID:** Internal, Ray links RLM060 or ThingMagic M6E-NANO,EPC C1 GEN2/ISO 18000-6C,output power 10dBm-30dBm, Reading distance: 1 m, Ceramic antenna: 0.3db (25*25*4 mm)
Far infrared meter reading	Working frequency 37.9K
Fingerprint read module	Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc. Type: TCSIST Sensor type: capacitive Effective image size:12.8mm x 18.0mm Image size: 256*360 Resolution:508 ppi (dpi) Contrast mode(1:1); search mode(1:N) FIPS 201 compliant capability (TCS1)