

P78 8" Rugged High Accuracy Android collector



Features

- Built-in ublox ZED F9P module , providing centimeter level data acquisition accuracy
- High resolution 8-inch display for outdoor use in the sun
- More convenient 5-point capacitive touch screen input
- Designed with front 5MP, rear 13mp dual camera
- Accessible by WLAN, Bluetooth, LTE 4G, NFC and other data transmission links
- Industrial protection, IP65 protection, 1.2m drop protection, MIL-STD-810G compatible
- Internal metal frame design, independent battery compartment, stronger and safer
- Field replaceable large capacity lithium battery, working time can be more than 8 hours

System	
CPU	Quad Core ARM Cortex-A53 1.3GHz
Operating System	Android 7.0
Memory	3GB LPDDR2
Flash	16 GB eMMC (32 GB option)
LCD Display	
Size Type	8" TFT LCD
Resolution	1280 x 800
Brightness	400 nits
Touch Screen	5 points capacitive touch (PCT)
Peripherals and Devices	
Camera	Front: 5M Rear: 13M AF with Flashlight
Sensor	Magnetometer (M-Sensor/E-Compass) Accelerometer (G-sensor) Gyroscope Ambient light sensor Barometer
Barcode Scanner	Optional
Audio & Vibrator	1 x built-in microphone 1 x built-in speaker (1.5W) 1 x vibrator
Wireless	
WLAN	Integrated IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.1 (BLE, HS compliant)
WWAN (ME909s-120) Optional 1	2G GSM/GPRS/EDGE (Band 850/900/1800/1900) 3G WCDMA (Band 1,2,5,8) LTE (Band 1,2,3,4,5,7,8,20)
Navigation	GPS/Glonass ublox ZED F9P
NFC	ISO 15693 ; ISO 14443A ; ISO 14443B, B' ; ISO 18000-3 ; NFC Forum Type1-4 Tag ; Kovio

I/O Interface	
USB Port	1 x micro USB 2.0 port High Speed / OTG Compatible.
SD Slot	1 x microSD card slot (SD up to 64GB)
SIM card	1 x micro-SIM (3FF) socket supporting 2G/3G/LTE
Pogo pin	Extra power pins for vehicle bracket ; 5V/2A
Power Supply	
Battery Type	Lithium-ion rechargeable battery, field replaceable.
Battery Capacity	Typical 3.8V, 6200mAh
Adapter	
Adapter Input	AC 100~240V 50~60 Hz
Adapter Output	5V/2A
Mechanical	
Ingress Protection	IP65, 1.2m drop
Environmental	
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
Storage Temperature	-20°C ~ 65°C (-4°F ~ 149°F)
Operating Humidity	5% ~ 95% RH
Dimensions(mm)	220 x 147 x 20.9 mm
Weight	550g (1.22lb) (with battery)
Key	
Power	Yes
Volume	Yes
Function	Free for your assigned function

		P78	P78B	P78P
GNSS	GNSS module	MTK	MTK	ublox ZED F9P
	Standalone	5m	5m	1.5m
	RTK	-	-	5cm
2D Barcode		-	Support	-