

Android Rugged Tablet

Actis 8 Rugged

Improve Productivity
for Mobile Workers
Even in Extreme
Conditions



OS

Android 9.0



Performance

Octa-Core Processor



Wireless

Wifi, Bluetooth



Battery

Long-lasting 6300mAh



Operating Temp.

-10°C to 60°C



Camera

16MP Autofocus
with flash



Display

8" WXGA
(1280 x 800)



Drop Resistance

Multiple 1.2 m (4 ft)
drops per MIL STD 810G

Cradle Design

RJ45, RS232 interface and OTG supported

Network

2G / 3G / 4G with voice; Proved reliability network connection

RFID

Front access, easy for driver to login

Extended Features

Barecode reader

Camera hub support up to 4 1080p camera input and with HDD looprecording capacity

Lora module to connect wireless Lora temp sensor

MDM Remote Control Server

Device management server is developed to allow customer to update different firmware and make kiosk mode

MDM server function:

- BOOT ANIMATION
- INSTALL APK
- ADD APN
- DEFAULT SETTING
- CUSTOMIZED BUTTON

MapFactor, s.r.o.

Štefánikova 24, 150 00 Prague 5, Czech Republic

www.mapfactor.com

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Specification

PERFORMANCE CHARACTERISTICS	
CPU	2.0Ghz Octa Core Processor
OS	Android 9.0 with GMS or without GMS (Optional)
Memory	2GB LPDDR4X 32GB eMMC

PHYSICAL CHARACTERISTICS	
Dimensions (L x W x D)	227.0 x 156 x 22 mm
Weight	809g
Display	8inch, 1280 X 800 (WXGA)
Touch Panel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED Backlight
Power	Battery 3.7V 6300mAh
Expansion Slot	User accessible micro SDXC card slot (standard supports up to 2TB)
SIM	1 Standard SIM
Interface	Docking Connector (15-pin) 1 x USB Type C (2.0) (OTG)
Notification	Audible tone, Charging Status LED
Voice / Audio	Speaker, Microphone, headphone
Keypad	On-screen keypad

WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	EUR - (Europe marker) GSM:900/1800Mhz WCDMA – 850/900/2100Mhz FDD (4G, EUR) – B1 , B3 , B5, B7, B8, B20 TDD (4G) – B40, B38/B41 NAR - (North America market) GSM: 850/1900MHz WCDMA: 850/1700/1900MHz FDD (4G, NAR): B2, B4, B5, B12, B17 TDD (4G): B40, B38/B41
GPS	A-GPS, GLONASS, BEIDOU, Galileo

WIRELESS LAN	
Radio	802.11 a/b/g/n/ac/d/r/h/i/v/k/w
Data Rate	5GHz: 802.11a/n/ac — up to 500 Mbps; 2.4GHz: 802.11b/g/n — up to 144Mbps
Security and Encryption	WPA WPA2 Personal, AES-CCMP, WPI-SMS4, GCMP, WPS2.0, WAPI (hardware)

WIRELESS PAN	
Bluetooth	V2.1+EDR, 3.0+HS, v4.1+HS

WIRED LAN	
Ethernet (Optional)	Support (w/Ethernet Cradle)

DATA CAPTURE	
Scanning (Optional)	1D&2D Imager (w/Smart Plug)
Camera	Rear 16MP Autofocus
Avin (Optional)	Support one channel AHD 720P and 1080P camera (w/Cradle) Support four channels AHD 720P, 1080P and analog camera (w/Camera Hub)
NFC	ISO 15693, MiFare (RFID module on the front of the device)
Serial Communication	RS232

SENSOR	
Light Sensor	Ambient Light
Motion Sensor	Accelerometer, E-Compass, Gyroscope

USER ENVIRONMENT	
Operating Temp.	-10°C to 60°C / -14° F to 140° F
Storage Temp.	-20°C to 70°C / -4°F to 158°F
Humidity	90% non-condensing
Drop Spec.	1.2m / 4 ft. to drop per MIL STD 810G
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge +/-4kVdc indirect discharge

OPTIONAL ACCESSORIES	
Vehicle docking station Metal dash mount NFC reader at docking station Extra inputs and output at docking station	

* Specification is subject to change.