Android Rugged Tablet

Improve Productivity for Mobile Workers Even in Extreme Conditions

OS
Android 14

Performanc
Octa-Core Processor

Wireless
WiFi, Bluetooth

Battery
Long-lasting 6300mAh

Operating Temp.
-20°C to 60°C

Camera
20MP Autofocus with flash

Display
8" IPS
（1280x800）

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

Network

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

MDM Remote Control Server

Topicon's device management server is developed to allow customer to update different firmware and make kiosk mode

Cradle Design

RJ45, RS232 interface and OTG supported

Extended Features

Barcode reader
Camera hub support up to 4 1080p camera input and with HDD loop recording capacity

NFC

Front access, easy for driver to login

Specification

PERFORMANCE CHARACTERISTICS	
CPU	2.0GHz Octa Core Processor
OS	Android 14 GMS or NON GMS
Memory	4GB LPDDR4X 64GB eMMC

PHYSICAL CHARACTERISTICS	
Dimensions	227mm L x 156mm W x 22 mm D
Weight	825g
Display	8inch, IPS panel (1280 x 800 pixel)
Touch Panel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED Backlight
Power	Rechargeable Lithium-ion Battery 3.7V 6300mAh
Expansion Slot	User accessible micro SD cardslot (standard supports up to 512GB)
SIM	1x Standard-SIM
Interface	1xUSB Type C 2.0 OTG 1x3.5mm Audio Headphone Jack 1x Mini USB 2.0 OTG on the cradle
Notification	Audible tone, Charging Status LED
Voice / Audio	Speaker, Microphone, headphone
Keypad	On-screen keypad

WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	2G-GSM: 850,900, 1800, 900MHz 3G-WCDMA: B1, B2, B4, B5, B8 4G-LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B17, B20, B28, B66 4G-LTE TDD: B40, B38, B41
GNSS	GPS, GLONASS, GALILEO

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

WIRELESS PAN	
Bluetooth	V5.0

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

DATA CAPTURE	
Scanner (Optional)	1D&2D Imagers
Camera	Rear camera 20MP
Video Input (Optional)	Support one channel AHD 720P,1080Pand analog camera (w/Cradle) Support four channels AHD 720P,1080Pand analog camera (w/Camera Hub)
NFC	Supported TAG-ICs: MIFARE Classic 1k/4k/Plus, MIFARE UltraLight MIFARE UltraLight C, MIFARE DESFire MIFARE DESFire Ev1, ISO 14443 A & B ISO 15693
Serial Communication	1 x RS232

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

USER ENVIRONMENT	
Operating Temp.	-20℃ to 60℃ / -4°F to 140°F
Storage Temp.	-20℃ to 70℃ / -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 input and output at docking station

* Specification is subject to change.