



Specification

PERFORMANCE CHARACTERISTICS	
CPU	2.0GHz Octa Core Processor
OS	Android 12 with GMS or without GMS
Memory	4GB LPDDR4X 64GB eMMC

PHYSICAL CHARACTERISTICS	
Dimensions	207mm L x 137.5mm W x 15mm D
Weight	528g
Display	8inch, IPS panel (1280 x 800 pixel)
Touch Panel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED Backlight
Power	Rechargeable Lithium-ion Battery 3.8V 8000mAh
Expansion Slot	User accessible micro SD card slot (standard supports up to 512GB)
SIM	2 x Nano-SIM
Interface	Docking Connector (18-pin) 1xUSB Type C 2.0 OTG 1x3.5mm Audio Headphone Jack Includes pogo-pins for use with holder
Notification	Audible tone, Charging Status LED
Voice / Audio	Speaker, Microphone, headphone
Keypad	On-screen keypad

WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	GSM: 850/900/1800/1900MHz WCDMA: B1/B2/B4/B5/B8 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28 LTD TDD: B38/B40/B41
GPS	GPS, GLONASS, GALILEO
External GPS antenna	Yes, MMCX

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	v2.1+EDR, 3.0+HS, v4.1+HS

WIRED LAN	
Ethernet	Available with optional holder

DATA CAPTURE	
Scanner (Optional)	1D&2D Imagers - Available with accessory
Camera	Rear camera 16MP AF with LED flash Front camera 8.0MP
Video Input (Optional)	Available with special holder (contact for details)
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	2 x RS232 2 x RS485

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 Extra input and output at docking station	
* Specification is subject to change.	