

## Product Specs

### PROCESSOR

Qualcomm® Snapdragon™

Octa-core Kryo™ 260

### OPERATING SYSTEM AND SOFTWARE

Android 9.0 (GMS)

Multiple languages supported (English, French, Spanish, German, Portuguese)

### MEMORY

6 GB LPDDR4x

### STORAGE

64 GB eMMC Flash Storage, MicroSDXC card slot

### WIRELESS CONNECTIVITY

Long-range Bluetooth® Smart Ready wireless technology, v5.0 + EDR, Class 1.5, BLE support

Wi-Fi 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz

2x2 MIMO

4G LTE multi-carrier capable

### GRAPHICS

Qualcomm® Adreno™ 512 GPU

### DISPLAY

Active viewing area: 7" (178 mm)

Resolution: WXGA (1280 x 800)

High-visibility backlit LCD for best-in-class sunlight view-ability

Portrait or landscape orientation with automatic screen rotation

### TOUCHSCREEN

Projected capacitive multi-touch interface for use with gloves, small tip stylus, and in wet conditions

Optically bonded for increased visibility and strength

Chemically-strengthened Dragontrail™ High Ion-Exchange (HIE™) cover glass for excellent impact and scratch resistance

## KEYPAD

Adjustable LED backlit keys

Four-way directional navpad

Home key

Power key

Enter key

User-programmable function keys

OEM configurable/customizable

## JUNIPER RUGGED™

IP68 waterproof & dustproof –Water: 1.4 m (4' 7") for 2 hours

Operating temperature: -4 F to 122 F (-20 C to 50 C)

Storage temperature: -22 F to 158 F (-30 C to 70 C)

Shockproof: multiple drops from 4' (1.2 –1.5 m) onto concrete

Designed to meet MIL-STD-810G test procedures: Method 500.5 Low Pressure (Altitude); Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust; Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock

## PORTS

12V DC power input jack

USB-C, USB 3.1OTG no battery charging x 1

Optional RS-232 9-Pin D-Sub connector with 5V DC or 12V DC power output

Dock connector (Pwr, USB 2.0, & HDMI)

## BATTERY

Removable Li-Ion battery, 43.2 Whr

Operates 10–12 hours on one charge

Removable battery, easily changeable in field

Optimized for strong performance in cold temperatures

Excellent lifecycle performance

Optional internal 21.6 Whr battery provides hot-swap capability and an additional 5–6 hours runtime

## PHYSICAL

Size: 5.40" w x 8.48" l x 1.36" d (137 x 215 x 35 mm)

Weight: 1.5–2 lbs (680–907 g) depending on battery and expansion configuration

Durable, chemical- and shock-resistant design

Easy-to-grip, impact-absorbing, overmolded bumpers

Lightweight and ergonomic design



## CAMERA

Rear 16 MP with LED illumination

Front 2 MP

## GPS/GNSS

Qualcomm SDR660 GNSS receiver and integrated antenna

Integrated real-time SBAS receiver (WAAS, EGNOS, etc.)

Supports GPS, GLONASS, & Galileo worldwide; BeiDou & QZSS outside the U.S.

## BARCODE 1D/2D IMAGER (BARCODE MODELS)

Optional built-in barcode imager and decoder

Symbologies: all common 1D and 2D (PDF417, MicroPDF417, Composite, RSS, TLC-39, Data matrix, QR code, Micro QR code, Aztec, MaxiCode, Postal codes, etc.)

Programmable trigger buttons

Visible aiming bullseye with low-light illumination

Barcode Connector™ utility, wedge and configuration, SDK support available



## UHF RFID (RFID MODELS)

Optional built-in UHF RFID module and internal antenna

Region-specific frequency configurations (859–873 MHz & 915–930 MHz)

EPCglobal Gen 2 (ISO 18000-6C) protocol support

Wide output range (0 dBm to +27 dBm)

## OTHER FEATURES

Ambient light sensor

Compass

Accelerometer

Gyroscope

## CERTIFICATIONS AND STANDARDS

FCC Class B

CE Marking

Industry Canada

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EN62368 Safety
RoHS 2 Compliant
Prop 65
Optional Class I, II, & III, Division 2, Groups A, B, C, D, F, G
<b>STANDARD ACCESSORIES</b>
Standard removable battery
AC wall charger with international plug kit
Capacitive small-tip stylus w/tether
Quick Start Guide
Hand strap
Connector port dust cover
2-year warranty
<b>CUSTOMIZATION</b>
Available upon request