YOUR OFFICE, ANYWHERE.

The Mesa 3 Rugged Tablet running Android 9.0 offers powerful new functionality while retaining impressive features from the popular Mesa 2 Rugged Tablet. Its Octa-core Snapdragon processor by Qualcomm is ready to run even the most demanding field data collection application, and its rugged ergonomic design is ready to handle a long day on the job in some of the harshest environments out there. Ready to experience Juniper Rugged?

BUILT JUNIPER RUGGED™

Meeting IP68 and MIL-STD-810G ratings, the Mesa 3 is waterproof, dustproof, and shockproof. Rest assured rain, extreme temperatures, and dirt won't stop a productive workday.

ALL-DAY USABILITY

From its ergonomic enclosure to its sunlight-readable display to its 15-hour battery life, the Mesa 3 is made for long days on the job.

POWERFUL PROCESSING POWER

Expect lightning-fast speeds all day long with the Mesa 3's Octa-core processor and 6 GBs of system memory (RAM). Running Android 9.0, this device is made to handle large files and detailed maps. Android 9.0 also provides access to the Google Play Store and Google Mobile Services.

CAREFULLY DESIGNED AND SUPPORTED

It's more than a rugged tablet. Designed and assembled in the United States, the Mesa 3 promises device longevity and data protection. If it becomes necessary, each device is proudly supported by live and personalized customer support.

JUNIPER® SYSTEMS

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mesa®

Designed and assembled in the United States, the Mesa Rugged Tablet provides its users with the ultimate data collection experience – wherever the job takes them. From its powerful processor to its all-day battery life to its ultra-rugged design, the Mesa 3 claims best-in-class features for anyone requiring a rugged device for mobile data collection.

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

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 and dustproof
- 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
- EN62368 Safety
- RoHS 2 Compliant
- Optional Class I, II, & III, Division 2, Groups A, B, C, D, F, G

STANDARD ACCESSORIES
- 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

CUSTOMIZATION
- Available upon request

JUNIPER® SYSTEMS

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