# mesa®

**mesa⁴**

# YOUR OFFICE, ANYWHERE.

The Mesa 4 Rugged Tablet running Windows 11 offers powerful new functionality while retaining impressive features from the popular Mesa 3 Rugged Tablet. Its latest generation Intel® processor 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-810H ratings, the Mesa 4 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 all-day battery life, the Mesa 4 is made for long days on the job.

### POWERFUL PROCESSING POWER

Expect lightning-fast speeds all day long with the Mesa 4's latest generation N200 processor and 8 or 16 GBs of system memory (RAM). Running a full Windows 11 OS, this device is made to handle large files and detailed maps.

### CAREFULLY DESIGNED AND SUPPORTED

It's more than a rugged tablet. Designed and assembled in the United States, the Mesa 4 promises device longevity and data protection. If it becomes necessary, each device is proudly supported by live and personalized customer support.

## JUNIPER® SYSTEMS

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 4 claims best-in-class features for anyone requiring a rugged device for mobile data collection.

## PROCESSOR
· Intel® N200, 3.7 GHz burst

## OPERATING SYSTEM AND SOFTWARE
· Microsoft® Windows 11 Pro
· Multiple languages supported (English, French, Spanish, German, Portuguese)

## MEMORY
· 8 GB LPDDR5 or 16 GB LPDDR5

## STORAGE
· 128 or 256 GB PCIe SSD
· MicroSDXC card slot

## WIRELESS CONNECTIVITY
· Long-range Bluetooth® Smart Ready wireless technology, v5.3 + EDR, Class 1.5, BLE support
· Wi-Fi 6 (802.11 ax), 2.4 GHz and 5 GHz Wi-Fi 6E
· 4G LTE multi-carrier capable

## GRAPHICS
· Intel® Gen12 UHD Graphics

## DISPLAY
· Active viewing area: 7" (178 mm)
· Resolution: WXGA (1280 x 800)
· High-visibility backlit LCD for best-in-class sunlight view-ability (800 NITS typical)
· Portrait or landscape orientation with automatic screen rotation, with locking feature

## 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™ HW HW cover glass for excellent impact and scratch resistance

## KEYPAD
· Adjustable LED backlit keys
· Four-way directional navpad
· Windows key
· Power key
· Enter key
· Three user-programmable function keys
· OEM configurable/customizable

## JUNIPER RUGGED™
· IP68 waterproof & 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-810H test procedures: Method 501.7 High Temperature; Method 502.7 Low Temperature; Method 503.7 Temperature Shock; Method 507.6 Humidity; Method 514.8 Vibration; Method 516.8 Shock

## PORTS
· 12V DC power input jack
· USB-A (5 Gbps)
· USB-C (5 Gbps, power delivery, DisplayPort)
· Optional RS-232 9-Pin D-Sub connector with configurable 5V DC or 12V DC power output
· Docking connector (Power, USB 2.0)
· Loud output speaker for noisy environments
· Dual digital microphone input

## BATTERY
· Removable Li-Ion battery, 43.2 Wh
· Removable battery, easily changeable in field
· Optimized for strong performance in cold temperatures
· Excellent lifecycle performance
· Optional internal 21.6 Wh battery provides hot-swap capability

## 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

## GPS/GNSS (GEO MODELS)
· 2 to 5 meter accuracy NSSDA
· Quectel LC79H Dual Frequency GNSS receiver and integrated antenna
· Integrated real-time SBAS receiver (WAAS, EGNOS, etc.)
· 135 GNSS tracking channels
· Optional: external antenna port

## 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 button
· 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 (EU 865-867MHz & NA 917-928MHz)
· EPCglobal Gen 2 (ISO 18000-6C) protocol support
· Wide output range: 0 to +28.85 dBm EIRP (EU), 0 to +32.7 dBm EIRP (NA)

## CAMERA
· Rear: 13 MP with LED illumination
· Front: 5 MP

## OTHER FEATURES
· Ambient light sensor
· Compass
· Accelerometer
· Gyroscope
· TPM (Trusted Platform Module) v2.0
· Firmware TPM

## CERTIFICATIONS AND STANDARDS
· FCC and ISED Certification (USA and Canada)
· FCC Class B and ICES-003 Class B (USA and Canada)
· CE Marking (EU Radio Equipment and RoHS Directives)
· ACMA RCM (Australia)
· United States Toxic Substances Control Act (TSCA)
· California Prop 65
· Canada Prohibition of Certain Toxic Substances
· EU REACH, EU POP, SCIP, WEEE
· SCIP
· WEEE

## 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