

mesa[®] pro



DESIGNED &
ASSEMBLED
★ ★ IN ★ ★
USA

YOUR OFFICE, ANYWHERE.

Mesa Pro Rugged Tablets are built-to-order in the United States. From processor to storage, each tablet is configured by us, for you. Core benefits include an all-day battery life, ultra-rugged design, sunlight-readable 10-inch display, extreme processing power, and unmatched support. The Mesa Pro is the world's first IP68 rated rugged tablet with active cooling. Rain or shine, it's working when you are.



BUILT JUNIPER RUGGED™

The world's first IP68 rugged tablet with active cooling. Tested to MIL-STD-810H, the Mesa Pro is waterproof, dustproof, and shockproof. Rest assured rain, extreme temperatures, and dirt won't stop a productive workday.

POWERFUL PROCESSING POWER

Expect lightning-fast speeds all day long with up to an 11th Generation Intel® Core™ i7 processor and up to 16 GBs of system memory (RAM). Running a full Windows 11 OS, this device is made to handle large files and detailed maps.

ALL-DAY USABILITY

From its ergonomic enclosure to its sunlight-readable display to its 43.2 Wh (2) hot swap batteries, the Mesa Pro is made for long days on the job.

CAREFULLY DESIGNED AND SUPPORTED

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

 **JUNIPER**
SYSTEMS

mesa[®] pro

Designed and assembled in the United States, Mesa Rugged Tablets provide users with the ultimate data collection experience—wherever the job takes them. From powerful processors to all-day battery life to ultra-rugged design, Mesa tablets claim best-in-class features for anyone requiring a rugged device for mobile data collection.

PROCESSOR(S)

- 11th Generation Intel[®] Core™ i5 (Standard)
- 11th Generation Intel[®] Core™ i7
- 11th Generation Intel[®] Celeron™

OPERATING SYSTEM AND SOFTWARE

- Microsoft[®] Windows 11 Enterprise (optional Pro)
- Multiple languages supported (English, French, Spanish, German, Portuguese)

MEMORY

- 8 GB LPDDR4X RAM (Celeron model)
- 16 GB LPDDR4X RAM (i5 and i7 models)

STORAGE

- 512 GB PCIe (standard)
- 1 TB PCIe (optional upgrade)
- MicroSD expansion, up to 1 TB

WIRELESS CONNECTIVITY

- 4G LTE multi-carrier capable:
 - Optional FirstNet, Band 14 mobile broadband
- Wi-Fi 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz
- Bluetooth[®] v5.1 (Class 1.5, BLE support)
- GNSS – 3 to 5 meters typical accuracy

GRAPHICS

- Intel[®] Iris[®] Xe Graphics (i7 and i5 processors)
- Intel[®] UHD Graphics (Celeron processor)

DISPLAY

- Active viewing area: 10.1" (256.54mm)
- 1920 x 1200 resolution
- High-visibility backlit LCD for best-in-class sunlight view-ability

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
- Power, Windows key, Keyboard Shortcut, Directional Arrows (4x), Enter key, Volume Up, Volume down key (8x programmable function keys)
- OEM configurable/customizable

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.)
- Visible aiming bullseye with low-light illumination
- Barcode Connector™ utility, wedge and configuration, SDK support available



PORTS

- 19V DC power input jack
- USB Type-C x1
- USB 3.1 x2
- 3.5 mm audio jack
- Optional RS-232 9-Pin D-Sub connector with 5V DC or 12V DC power output
- Loud output speaker for noisy environments
- Digital microphone input

BATTERY

- Removable Li-Ion battery, 43.2 Whr x2 (with integrated 5 LED charge indicators)
- Removable battery, easily changeable in field
- Optimized for strong performance in cold temperatures
- Excellent life-cycle performance
- Hot-swap capability

CAMERA

- Rear: 13 MP with LED illumination
- Front: 2 MP

PHYSICAL

- 7.7" h x 11.2" w x 1.2" d (195 x 285 x 30.5 mm)
- 3.4 lbs (1.76 kg) depending on battery and expansion configuration
- Durable, chemical and shock-resistant design
- Easy-to-grip, impact-absorbing, over-molded bumpers
- Lightweight and ergonomic design



JUNIPER RUGGED™

- IP68 dust & water protection
- Operating temperature: -4 F to 122 F (-20 C to 50 C)
- Storage temperature: -22 F to 158 F (-30 C to 70 C)
- Ultra-Rugged; Drop Spec: 29 drops from 7' (2.1 m) to concrete
- Designed to meet MIL-STD-810H 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 514.6 Vibration; Method 516.6 Shock

OTHER FEATURES

- Ambient light sensor
- Compass
- Accelerometer
- Gyroscope

CERTIFICATIONS, STANDARDS AND SECURITY

- FCC Class B
- CE Marking
- UKCA Marking
- Industry Canada
- EN62368 Safety
- RoHS 2 Compliant
- Security Chip TPM (v2.0)
- NIST BIOS Compliant
- TSCA (Toxic Substances Control Act)

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

 **MONSEN**
ENGINEERING
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