

IP68 - Rugged Tablet **Juniper - Mesa Pro**

- Various RFID options on request
- Microsoft Windows 11
- 4G LTE, WiFi, Bluetooth 5.1, GPS
- IP68 & MIL-STD-810H



IP68 - Rugged Tablet Windows 11 - Enterprise

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.

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.

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.

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.

Common Applications

- Inventory management
- Assisted selling
- Event management
- Access control
- Equipment identification



TECHNICAL SPECIFICATIONS

Physical Characteristics

Dimension	195 x 285 x 30.5 mm
Weight	1,76 kg Depending on battery & expansion configuration
Display	500 Nits typical Screen size (diagonal): 10,1" (256,54 mm) Screen resolution: 1920x1200
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
Power	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
Expansion Slot	MicroSD expansion, up to 1 TB
SIM	N/A
Network Connections	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
Interface Ports	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

Performance Characteristics

CPU	11th Generation Intel® Core™ i5 (Standard) 11th Generation Intel® Core™ i7 11th Generation Intel® Celeron™
Operating System	Microsoft® Windows 11 Enterprise (optional Pro)
Memory	8 GB LPDDR4X RAM (Celeron model) 16 GB LPDDR4X RAM (i5 and i7 models)

User Environment

Operating Temperature	-20 °C to +50 °C
Storage Temperature	-30 °C to +70 °C
Sealing	IP68 dust & water protection

Data Capture

Scanning	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
Camera	Rear: 13 MP with LED illumination Front: 2 MP

General Certifications

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)

Part No. / Model

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