Empowering Your Business with

Rugged Tablets

POWERING CONNECTIONS

Mactek Solutions

Industrial-Grade Mobile Computing for Field Operations

✓ Tactical Computing Solutions for Harsh Environments: Provision of Mactek Rugged Tablets, purpose-built for extreme operational conditions, offering reliable mobile computing for field service, logistics, public safety, defense, and industrial automation, with certifications like MIL-STD-810H and high IP ratings.

✓ Specialized Connectivity for Field and Battlefield Operations: Integration of advanced wireless communication modules including 5G, Wi-Fi 6E, Bluetooth 5.2, and dedicated GNSS (GPS, GLONASS, Galileo, BeiDou) for precise positioning, ensuring robust and secure data transmission in remote or challenging environments.

✓ Long-term Lifecycle Support and Maintenance: Comprehensive support services covering hardware repair, software updates, battery replacement programs, and technical assistance, ensuring the longevity and continuous optimal performance of rugged devices throughout their operational lifecycle.

✓ Custom Integration with Mactek's Industrial Platforms: Tailored software and hardware integration services to seamlessly connect rugged tablets with Mactek's Service Pulse, Asset Tracker, and other industrial control and management platforms, enabling real-time data exchange and enhanced operational workflows.

Technical Specifications

Features	Specifications
Durability Standards	MIL-STD-810H (Shock, Vibration, Drop, Temperature, Humidity), IP65/IP67/IP68 Rated (Dust & Water Immersion), IEC 60079 (Explosion Protection - optional)
Display	8.4" to 12.1" IPS LCD, 1920x1200 Resolution, 1000+ nits Sunlight Readable, Multi-Touch (Glove/Wet Mode), Chemically Strengthened Glass
Processor	Intel® Core™ i5/i7/i9 (11th Gen or newer) or Intel® Xeon® (for specialized models),ARM-based options for ultra-low power
Operating System	Windows 10/11 Pro, Android 11/12 (Enterprise Recommended)
Memory/Storage	8GB to 32GB LPDDR4x RAM, 128GB to 1TB NVMe SSD (Removable/Hot swappable options)
Connectivity	5G (Sub-6 GHz, mmWave), Wi-Fi 6E (802.11ax), Bluetooth 5.2, NFC, Dedicated GNSS (GPS, GLONASS, Galileo, BeiDou), Optional Ethernet, RS232, USB 3.2
Battery	Hot-swappable Li-ion Battery Packs (e.g., 4000mAh to 10000mAh), Up to 12-16 hours runtime, Fast Charging Support
Cameras	8MP Front, 13MP Rear with LED Flash and Autofocus
Sensors	Accelerometer, Gyroscope, Ambient Light, Digital Compass, Barometer
Security	TPM 2.0, Fingerprint Reader, Smart Card Reader, Kensington Lock Slot, Secure Boot
Expansion Slots	Optional Barcode Scanner (1D/2D), RFID Reader, Smart Card Reader, Custom I/O Modules
Compliance	CE, FCC, RoHS, REACH, ATEX Zone 2/C1D2 (optional)

Why Choose Us?

01. Unrivaled Durability for Extreme Conditions: Our rugged tablets are engineered to military standards (MIL-STD-810H) and boast high IP ratings, ensuring unwavering performance and reliability in the harshest environments, from extreme temperatures to dust, water, and repeated drops.

02. uperior Performance and Connectivity: Equipped with high-performance processors, sunlight-readable displays, and advanced wireless capabilities (5G, Wi-Fi 6E, GNSS), our tablets deliver seamless data access and communication, empowering your field teams with critical information in real-time.

03. Comprehensive Lifecycle Support: Beyond robust hardware, we provide extensive lifecycle support, including custom integration, software updates, and proactive maintenance, guaranteeing the longevity and optimal functionality of your investment, ensuring continuous operational readiness.

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