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PRODUCT BRIEF

# TITAN Mobile



## Ultra-rugged triple 5G mobile router with external antenna system

Dejero TITAN Mobile is the vehicle-hardened member of the TITAN mission-critical connectivity family. Sharing the same triple 5G core and *Smart Blending Technology™* as TITAN Command, this form factor is purpose-built for wheeled and tracked deployments where external antenna placement, fanless operation, and military-grade durability are non-negotiable.

Three independent 5G modems, intelligently blended at the packet level, ensure seamless high-bandwidth connectivity for emergency response vehicles, mobile command units, and field operations. When one carrier is impacted, the others carry the mission automatically, without intervention.

### Triple-Carrier Redundancy

- Three independent 5G modem, zero single points of failure
- *Smart Blending Technology* reroutes around degraded carriers in real time
- Individual packets are routed across the best available networks in real time

### Optimized External Antenna System

- 12 × SMA connectors with 4×4 MIMO per modem
- Roof mounts, bumper mounts, or custom configurations
- Maximum signal acquisition for mobile deployments

### Vehicle-Grade Durability

- Fanless design, no mechanical failure points in the field
- MIL-STD-810G rated for extreme vibration and shock
- IP54 water and dust protection for harsh environments

### Hybrid Network Flexibility

- Compatible with all major 5G/LTE carriers globally
- Supports Verizon Frontline and FirstNet®
- Carrier diversity across independent modems for true redundancy

# Product Specifications

| | |
|---|---|
| **Network Connections** | |
| **Cellular** | 3 x Telit FN990A28 5G/LTE Advanced modems |
| **Ethernet** | 6 x RJ-45 2.5 Gigabit Ethernet ports |
| **Wi-Fi** | Wi-Fi 6 (802.11ax) for 64 users with dual-band support (3.18 Software release required) |
| **User Interface** | |
| **Indicators** | Power indicator |
| **Control** | Dejero Control cloud management platform |
| | RESTful API for integration |
| | SNMP v3 support |
| **Compute** | |
| **CPU** | High-performance processor |
| **Storage** | 128GB of storage memory |
| **Power Supply** | |
| **Supply Consumption** | Idle: 24W, Typical: 42W, Peak: 60W |
| **Power Input** | 8-36V DC input |
| | AC adapter included (100-240V) |
| **Physical** | |
| **Dimensions** | 22.8 x 17.5 x 7.5 cm (8.9 x 6.8 x 2.9 inches) |
| **Weight** | 2.8kg (6.17lb) |
| **Operating Temperature** | -20°C to 60°C (-4°F to 140°F) |
| **Environmental** | MIL-STD-810G shock and vibration tested (Offroad) |
| | Fanless design for reliable and silent operation |
| | IP54 rated for dust and water resistance |
| **Additional features** | |
| **GPS/GNSS** | High-precision GPS/GNSS with ADR & UDR synchronization |

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# Key Features

### TRIPLE 5G ARCHITECTURE

Three independent 5G modems blended at the packet level by *Smart Blending Technology™* for consistently lower latency under load.

### INTELLIGENT BLENDING

Traffic is automatically distributed across available carriers. If a carrier degrades, SBT reroutes around it in real time — keeping dispatch feeds, video, and data links uninterrupted.

### SEAMLESS FAILOVER

Carrier switching happens before a packet is lost. Zero-downtime connectivity for operations where a dropped connection has real consequences.

### EXTERNAL ANTENNA SYSTEM

12 x SMA connectors with 4×4 MIMO per modem. Roof mounts, bumper mounts, or custom configurations for maximum signal acquisition.

### FANLESS MILITARY-GRADE DURABILITY

No moving parts means no mechanical failure points. Rated for extreme vibration and shock per MIL-STD-810G, built for rugged vehicles in the field.

### HYBRID NETWORK OPTIMIZATION

Compatible with all major 5G/LTE carriers globally, including Verizon Frontline and FirstNet. Three modems ensure diversity across network operators for true redundancy.

Contact **NEWCOM** for more information or a quote!

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