



QUAKE
GLOBAL

RUGGED SOLUTIONS
FOR A MORE CONNECTED
WORLD.

QConnect 5G

MORE CONNECTIVITY. MORE INTELLIGENCE. MORE POSSIBILITY.

QConnect 5G is Quake's most advanced telematics platform, building on the proven QConnect foundation with expanded connectivity, increased processing power, and additional interfaces to meet the evolving needs of OEMs and industrial applications. Designed for the next decade, it delivers reliable, secure, and flexible connectivity everywhere your equipment operates.

ONE PLATFORM. EVERY CONNECTION. NO LIMITS.



GLOBAL CONNECTIVITY
FOR A TOUGHER TOMORROW.

BUILT FOR TODAY.
READY FOR WHAT'S NEXT.



5G RedCap + Multi-Network Connectivity

Global coverage with intelligent fallback (LTE Cat4, future NTN/DTC support)



More Interfaces. More Integration.

Quad CAN, Ethernet TX or T1, Wi-Fi, Bluetooth, GNSS, GPIO, and Serial for maximum flexibility.



Higher Performance.

Multi-core processing power, enhanced memory, and edge computing capabilities.



Smarter by Design.

Secure OTA updates, remote diagnostics, and configurable applications.



Rugged. Reliable. Proven.

Engineered for harsh environments with a 10+ year lifecycle.



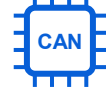
5G RedCap
Ready



LTE / 4G Cat4
Fallback



Multi-Core Processor w/
Increased Flash & RAM



4 each CAN - J1939,
CAN Open, RAW



GNSS - GPS / GLONASS
/ GALILEO / QZSS



Wi-Fi 6+



Bluetooth 5.4+



Ethernet 10/100
4-wire TX OR 2-wire T1



Multiple GPIO
& Serial



Linux OS
Programmable



Secure
Platform



OTA Updates
Remote & Secure

KEY FEATURES



Next-Gen Connectivity

5G RedCap and Cat4 LTE with multi-band support and intelligent network fallback.



All the Interfaces You Need

Quad CAN, Ethernet, Wi-Fi, Bluetooth, GPIO, serial, and more.



Global GNSS

GPS / GLONASS / BeiDou / Galileo / QZSS with advanced accuracy options.



Programmable Linux OS

Fully customizable for OEM and partner applications.



Edge Intelligence

More memory and processing power for on-device analytics and control.



Rugged & Long Lifecycle

Designed for 10+ years with 5 years post-EOL support.

ADDITIONAL CAPABILITIES VS. QCONNECT

- + 5G RedCap and Cat4 LTE global
- + Multi-Core processor provides more processing power
- + Increased Flash and RAM for more edge capability
- + Ethernet 10/100, either TX or T1
- + Wi-Fi 6+ and Bluetooth 5.4+
- + 6-axis IMU (accelerometer and gyroscope)
- + Enhanced security and encryption
- + Advanced OTA and device management
- + Expanded edge computing
- + 48VDC power input to support EVs

IDEAL FOR



Construction

Excavators, loaders, cranes, and more



Mining

Haul trucks and mining equipment



Agriculture

Tractors and ag equipment



Transportation

Commercial and fleet vehicles



Maritime

Vessels, ports, and offshore assets



Industrial

Generators, compressors, pumps, and remote assets

SPECIFICATIONS

Cellular	5G RedCap & LTE Cat4 Global Bands
Edge Computing	Multi-Core Processor with enhanced Flash and RAM
GNSS	GPS / GLONASS / BeiDou / Galileo / QZSS
CAN Interfaces	4 × CAN (J1939, CAN Open, RAW)
Other Interfaces	Ethernet 10/100 (either TX or T1), Wi-Fi 6+, Bluetooth 5.4+, Multiple GPIO, Serial (either RS232 or RS485)
Cyber Security	RED compliant and CRA ready
Operating System	Linux (fully programmable)
Power Input	9–48 VDC (vehicle power)
Enclosure	Rugged, IP67 (dust & waterproof)
Operating Temp.	-40°C to +70°C
Dimensions	Compact form factor (optimized for OEM integration)
Certifications	Global compliance (CE, FCC, IC, RoHS, PTCRB, carrier certifications and 160+ country regs)
Lifecycle	10+ years + 5 years post-EOL support



QUAKE
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Stronger connections. Smarter operations.
Power your assets with Quake.



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CONNECT
MONITOR
CONTROL
SCALE