



Flexible Communications Platform

Twin CORE is a communications hub built for a variety of applications. Twin CORE is a small, ruggedized and durable device that integrates bonded multi-channel cellular LTE, Wi-Fi, GPS, and Land Mobile Radio extension capabilities. Twin CORE can be mounted in any vehicle, installed in an Agile CORE Patrol backpack, placed in an Agile portable CORE CommsKit or deployed at any office location. Twin CORE was built for ease of use utilizing leading edge technology that will grow with your organizations needs.



The Basics

- Small rugged footprint allowing flexible deployment solutions
- Native DC power
- No moving parts to be affected by vehicle movement
- Passively cooled
- 2 cellular LTE radios
- Secure Wi-Fi for body cams and other wireless devices
- GPS tracking embedded in the unit
- Interconnect points for data units, biometric equipment and other wired devices
- May be deployed singularly or through-out a large enterprise

Scalability and Operational Ease

- 2 cellular 4G LTE radios onboard that house SIM cards directly in the unit or receive SIMs details virtually from the Agile Fusion Server SIM library
- Remote management server to monitor, configure and check in on all Agile CORE's reducing maintenance and down time. Twin COREs register to the server automatically upon initialization
- Customizable Multi-Layered Wi-Fi with an enhanced effective range, secured for authorized devices (body Cams, remote diagnostic tools, handheld wireless devices). Can extend and be transmitted to multiple additional sites
- Embedded GPS tracking, Interconnect points for providing data to other devices

Cutting Edge Software

Twin CORE has sophisticated software onboard to manage cell tower hand offs as you move to maximize signal strength and the ability to automatically search for the best throughput connection available. The bonded LTE aggregates all cellular connections to maintain session persistence

even if one or more cell connects drop due to the vehicle travelling out of range. The LMR extension functions in the background to detect loss of service to the trunked radio network and send the transmission over the VPN secure LTE connection. This requires no action by the operator.

FLEXIBILITY TODAY AND TOMORROW

Twin CORE has 2 cellular LTE radios that cover most frequencies of service around the world, including all major North American carriers and is Band 14 ready. This flexibility allows not being limited with one service provider when you make your LTE system purchase or having to change your hardware if you are changing your service provider.

Twin CORE

Product Specification Data Sheet

Billet milled aluminum case for mobile, portable and office applications



AGILE ROUTING

Our devices automatically search for the best throughput connection available. There can be a cell tower connection of LTE and as your mobile, if connection is lost, it will automatically connect to satellite. As you continue to be mobile, if the device finds a LTE connection 2 minutes later, it will automatically connect from satellite to LTE,

4G LTE 2 Radios, 2 onboard SIM slots (unlimited virtual SIM slots optional)
Twin CORE (standard)
Twin COREX (high speed) optional
LTE Band 14 Compatible
Bonded LTE
LTE-Advanced
Data: LTE Cat. 4
• Uplink up to 50 Mbps
• Downlink up to 150 Mbps
DC-HSPA+ 42Mbps
Data: LTE Cat. 18 3GPP Rel.12
• Uplink up to 150 Mbps
• Downlink up to 1.2 Gbps
Band Class (Standard)
• 4G: B2, B4, B5, B12, B13, B14, B71
• 3G: B2, B5
Band Class (High Speed)
• LTE FDD: B1, B3, B25(B2), B66(B4), B26(B5/B18/

B19), B7, B8, B12(B17), B13, B14(FirstNet), B20, B28, B29, B30, B32, B71
• LTE TDD: B38, B39, B40, B41, B42, B43, B46, B48(CBRS/ OnGo)
• 3G: B1, B2, B4, B5(B19), B8, B9
Wi-Fi
• Dual Radio
• Dual Band
• 2.4/5 GHz
• 802.11a/b/c/g/n/ac
Wired
• 3 Gigabit RJ-45 Ethernet Ports
• 1 USB 2.0 Ports
Bluetooth Connectivity
WLAN Security
• WPA, WPA 2, WPA-PSK, WPA-EAP
GPS
• Active NMEA Passive NEMA
Structure

Power
• 4 to 40 VDC
Dimensions
• 6 1/8" x 3 5/8" x 2 1/4"
• 1600mm x 92mm x 55mm
Weight
• 0.9lbs/400g
Operating Range
• -22°F to 158°F
• -30°C to +70°C
• IP64
Security
FIPS-140-2
• Optional
VPN
• IPSEC Tunneling
Warranty and Service
Standard
• 1 Year Limited
Optional
• 2, 3, 5 year

AGILE COMPARED

Agile Products	Competitors
2-4 Radios	1-2 Radios
2 Processors	1 Processor
1 Router	NO Router (not included)

MORE BANDWIDTH LESS EXPENSE!

WE ARE AGILE

We engineer the hardware. We design the software. We build the solution. With committed support.

AGILE

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AGILE CAGE: 7WTH2* AGILE DUNS: 080324701* NAICS CODE: 334220* GSA MAS CONTRACT NUMBER: 47QTCA19D0052