OptConnect neo2

With nearly twice the speed, twice the carrier coverage, and twice the connectivity power, neo2 is the next evolution in OptConnect's fully managed cellular connectivity for the Internet of Things. neo2 is a compact LTE Category 4 multi-carrier cellular router perfectly suited for kiosks, micro markets, digital signs and other applications that require high-speed connectivity and the peace of mind of redundant carrier connections. We've taken everything customers love about neo and made it twice as good.

Everything you loved about OptConnect neo — times two.

Rather than having to choose between a single carrier, neo2, has dual-carrier functionality. When you need the very best connectivity for your equipment, neo2 delivers twice the coverage with 2 carriers built right in. And, in the same form factor as its predecessor, neo2 also includes a second ethernet port so you can connect two devices to a single router providing you greater flexibility and twice the connectivity power.

Optimized Efficiency

Customers are connecting more devices that need faster access to the cloud and to data. As connectivity to the cloud becomes more critical, downtime becomes more costly. neo2 adds connections, adds speed, and adds carrier redundancy to ensure high uptime. neo2 is a truly compact, full-featured high-speed cellular router that fits almost anywhere so customers can connect their equipment to their cloud services. The dual redundant cellular connections give peace of mind while full integration with OptConnect's completely managed wireless service makes for a headache-free experience.
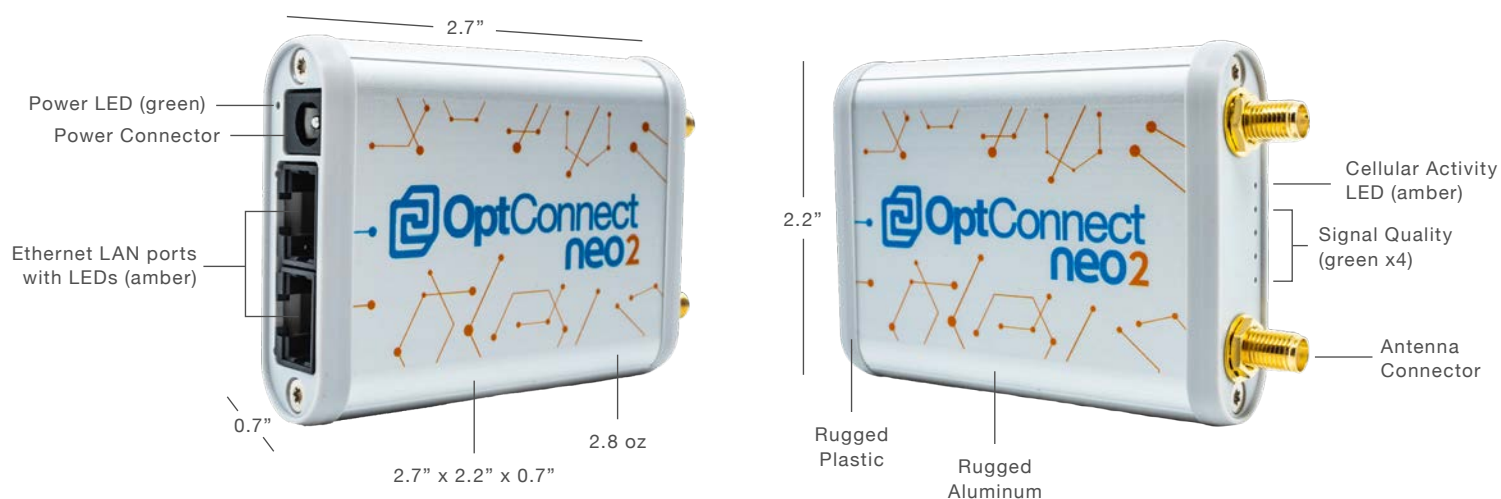
Advantages:

- High speed data connection - 4G LTE CAT 4
- Compact size 2.7" x 2.2" x 0.7"
- Dual-carrier redundancy
- Flexible mounting options
- Plug-n-play
- Rugged aircraft grade aluminum
- Enables remote device connectivity
- Low power consumption 4G 10-12.5 watts peak
- Built-in Firewall – 2.2

Recommended for:

- Equipment with high speed data needs
    - *Kiosks, Micro markets, Digital signs, Industrial, Energy*

Power LED (green)
Power Connector
Ethernet LAN ports with LEDs (amber)
0.7"
2.7"
2.8 oz
2.7" x 2.2" x 0.7"

2.2"
Rugged Plastic
Rugged Aluminum
Cellular Activity LED (amber)
Signal Quality (green x4)
Antenna Connector

Wireless WAN	
LTE CAT 4	FDD B2[1900], B4[1700], B5[850], B12[700], B13[700], B14[700], B66[1700], B71[600]
	B2[1900], B4[1700], B5[850]
Speed	~10-30 mbps down, ~3-10 mbps up
SIM Slots	2 internal 3FF Micro-SIM Slot
Antenna Connectors	2 x 50 ΩSMA (Center pin: female)
Ethernet	
Ports	2
Connector	RJ-45
Standard	IEEE 802.3
Physical Layer	10/100 Base-T
Data Rate	10/100 MBit/s
Mode	Full or Half duplex
Interface	Auto MDI/MDIX
Management	
Fully Managed Service	OptConnect Summit
Processor and Memory	Atheros AR9331, 64MB RAM, 16MB FLASH
Protocol Support	HTTP, HTTPS, FTP, SSL
Power	
Input	5 VDC (power supply with barrel connector included)
Consumption	Typical: 3.5 W; Max: 12.5 W
General	
LEDs	Power On, LAN Connection, signal quality, cell activity
Relative Humidity	5% to 95% (non-condensing)
Approvals	
GSM/CDMA	Verizon ODI, PTCRB, AT&T
Carrier Certifications	Certified by Verizon PTCRB, AT&T, and most major carriers

Every OptConnect device including the neo2 comes with access to Summit, our robust monitoring platform that enables you to have access to your wireless portfolio wherever you go. This platform allows you to conveniently view and manage your devices from your phone, tablet, or computer.

Flexible and Customizable

With Summit, you can structure your portfolio to mirror the way you operate your business. Group your devices by device type, location, organization, technology, type of connected equipment, or any other designation you choose so you see exactly what you want and need.

Enhanced Security

Summit allows you to provide exclusive access to groups of devices within your company and to third party organizations or individuals. These permissions are completely customizable to maximize flexibility, monitoring and ensure ultimate security. Specific roles allow you to keep your entire portfolio secure and visible to only those you want and permissions can be customized so specific actions are only available to those you grant rights to.

OptConnect
SUMMIT

Summit Includes Incredible Features That Customers Have Come To Rely On

Monitor the health of each OptConnect device

Check signal strength

Reset wireless connections

24/7
Real-time status checks

API integration

Review check-in data

Get location information about the device

And so much more!

OptConnect's Fully Managed Solution

OptConnect provides a safe and secure internet connection via cellular and a whole lot more. Rather than simply providing the connection to the internet, OptConnect bundles that with an entire suite of managed services that provides greater connectivity uptime and less stress and worry for the operators since every necessary component is being taken care of.

With OptConnect's fully managed solution, the operator has the peace of mind knowing they have the best available hardware, strongest carrier networks, secure private IP connections, access to the industry's best 24/7/365 Customer Care Center, real-time monitoring and management, data overage risk mitigation, lifetime warranty, a robust customer portal to be able to check on and manage their devices remotely from anywhere, and so much more.

24/7/365 Technical Support	**Real-Time Management**	**Fulfillment**	**Secure Private IP Networks**
Data Overage Risk Mitigation	**Summit: Customer Dashboard**	**Customized Data Plans**	**Robust Warranties**

Instead of trying to figure it all out on their own, customers now have a wireless provider that delivers a service-rich solution. This enables them to focus on running their businesses and generating revenue rather than spending precious time and energy on keeping their devices connected to the internet. OptConnect takes the guesswork, frustration, and stress out of connectivity while also giving customers net cost savings.

For more information about the neo2, please visit optconnect.com/neo2 or call us at 877-678-3343.