OptConnect
MANAGED WIRELESS SOLUTIONS

Headache-Free connectivity for your IoT & M2M applications.
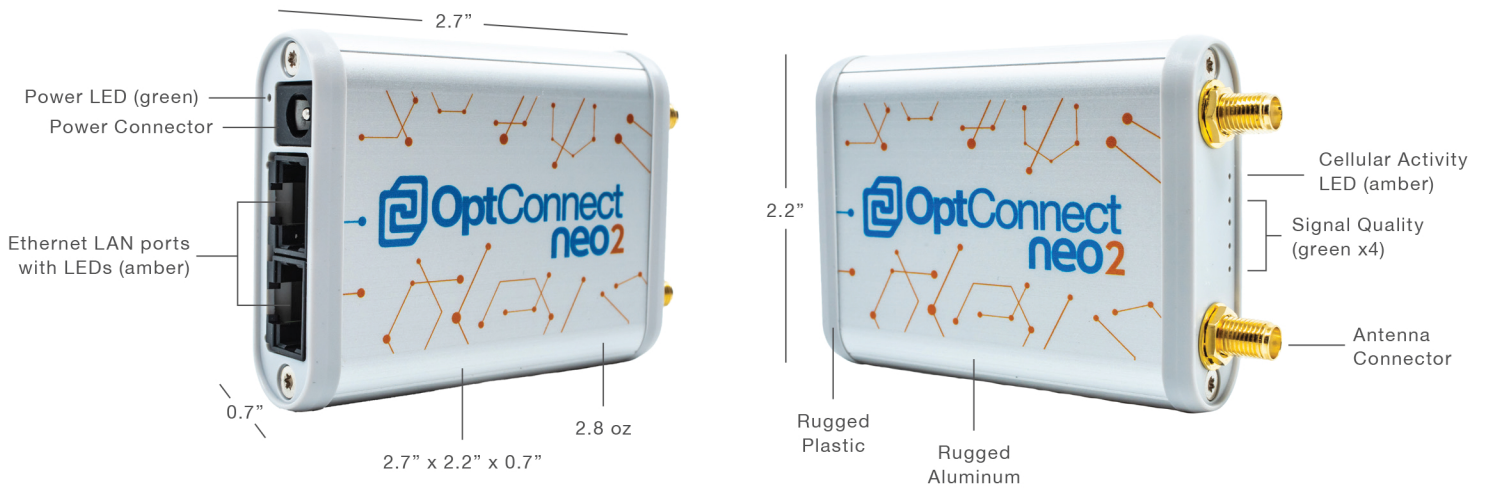

OptConnect neo2

Features

- **Plug-n-play** High-speed connectivity
- **Lightweight** 2.8 oz
- **Compact size** 2.7" x 2.2" x 0.7"
- **Rugged** Aircraft grade Aluminum, Temp resistance -40c - +85

Additional Features

- Cost-effective replacement for landline dialup circuits or analog cell-phones – Primary connectivity for PLCs, RTUs, POS, ATM solutions
- Dual-carrier redundancy
- Backup/redundant network connections for LANs
- High speed data transfer rate
- Full duplex transceiver ethernet port
- LED network and signal indicators
- Remotely manageable and upgradeable

Advantages

- Primary network connectivity for micro markets, kiosks, signs, POS, ATMs, etc.
- Dual-carrier redundancy
- Delivers speed and wide coverage (Cellular Technology 4G LTE)
- Flexible and practical
- Flexible mounting options
- 5v power
- Enables remote device connectivity
- Always on
- Low power consumption 4G 10-12.5 watts peak
- Built-in Firewall – 2.2
- DHCP server for local automatic IP assignment – can assign static IPs
    - NAT with VPN Passthru
    - Domain name addressable
- High-Speed Data Connections

OptConnect

Power LED (green)
Power Connector
Ethernet LAN ports with LEDs (amber)

2.7"
0.7"
2.7" x 2.2" x 0.7"
2.8 oz

2.2"

Cellular Activity LED (amber)
Signal Quality (green x4)
Antenna Connector

Rugged Plastic
Rugged Aluminum

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]
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 Portal
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

AVS Companies
avscompanies.com

📞 (847) 439-9400
✉ info@avscompanies.com

OptConnect