E2C Link
Ethernet to Cellular Router

NimbeLink's E2C Link™. Get connected fast with a high-value, low price, rugged, plug-n-play device.

"Compact, Simple, Rugged."

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

Advantages

- Backup network connectivity for routers and servers - failover
- Flexible and practical
- Modular antenna port
- Flexible mounting options
- Delivers speed and wide coverage (Cellular Technology – 2G, 3G, 4G LTE)
- Flexible powering options – 5v
- Enables remote device connectivity
- Save money, time and improve business efficiency
- Always on
- Low power consumption 7 watts peak, 3G 10 watts peak, 4G 10-15 watts peak
- Built-in Firewall – 2.2
- DHCP server for local automatic IP assignment – can assign static IPs
    - Public and Private IP modes for local IP assignment
    - NAT with VPN Passthru
    - Domain name addressable
- Edge decision making – processing – WRT
- High-Speed Data Connections
- Development version includes 5V PWR supply, Antenna(s) and mounting HW
- Production version includes the E2C Link only. Customer selected Antenna(s), PWR and mounting options

Product Brief

Part Numbers   Description

Recommended for Development

Part Numbers	Description
NL-R-E2GCR	E2C Link, 2G 1xRTT, Verizon
NL-R-E3GDR	E2C Link, 3G EVDO, Verizon
NL-R-E4GLSR	E2C Link, 4G LTE, Verizon
NL-R-EC1G-VR	E2C Link, LTE CAT 1, Verizon

Recommended for Production

Part Numbers	Description
NL-R-E2GC	E2C Link, 2G 1xRTT, Verizon
NL-R-E3GD	E2C Link, 3G EVDO, Verizon
NL-R-E4GLS	E2C Link, 4G LTE, Verizon
NL-R-EC1G-V	E2C Link, LTE CAT 1, Verizon

1 Attach antenna.

2 Apply power.
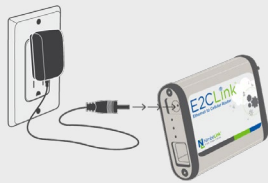
3 Plug in Ethernet cable.

4 Plug Ethernet cable into PC or router WAN port.

WAN

Power
Power LED
WAN LED
LAN LED
Ethernet

2.7"
2.2"
0.7"
Rugged Plastic
Rugged Aluminum
2.8 oz
2.7" x 2.2" x 0.7"

Additional Features

- Cost-effective replacement for landline dialup circuits or analog cell-phones – Primary connectivity for PLCs, RTUs, POS, ATM solutions
- Backup/redundant network connections for LANs
- High speed data transfer rate
- Full duplex transceiver ETHERNET PORT
- LED network status indicators
- Remotely manageable and upgradeable
- Optional mounting kit – (included in retail package)

Wireless WAN	
GSM	HSPA+, GPRS, EDGE - 800/850, 900, AWS, 1900, 2100 MHz
	(PTCRB Approval not complete)
CDMA	EV-DO Rev A and 1xRTT - 800/1900 MHz (Both Approved)
LTE	LTE 700 (B17), 850 (B5) AWS1700 (B4) 1900(B2) MHz
	LTE 700 (B13), AWS1700 (B4) MHz
WWAN Embedded Module	Telit 910 Series
SIM Slots	1 internal 3FF Micro-SIM Slot
Antenna Connectors	1 x 50 Ω SMA (Center pin: female)
Ethernet	
Ports	1
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	
Local Management	Web interface (HTTP/HTTPS); CLI (Telnet, SSH)
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: 15 W
General	
LEDs	Power On, LAN Connection, WWAN Service
Relative Humidity	5% to 95% (non-condensing)
Approvals	
GSM/CDMA	Verizon ODI
Carrier Certifications	Certified by Verizon and most major carriers

NimbeLink®
Smart. Simple. Cellular.

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