

Gigabit Ethernet CPE with LTE Modem

(4) 10/100/1000Base-T RJ-45 Ports + (1) 100/1000Base-X SFP Slots



Transition Networks' Net2Edge ATLAS Series CPE is a fully cased, mains powered, stand-alone CPE device, offering LTE failover and backup. The ATLAS operates at full bandwidth (1Gbps bidirectional) on a single fiber link, supporting up to (4) 10/100/1000Base-T RJ-45 ports, and (1) 100/1000Mbps fiber SFP slot. The integrated LTE modem supports a single SIM card (not provided) and can be used for optional data failover. Other use cases are rapid deployment ahead of fiber roll-out.

Ordering Information

N2E-ATLAS-60000

(4) 10/100/1000Base-T RJ-45 ports
+ (1) 100/1000Base-X SFP slots (empty)
+ (1) optional LTE Modem (empty)

N2E-ATLAS-6010x

(4) 10/100/1000Base-T RJ-45 ports
+ (1) 100/1000Base-X SFP slots (empty)
+ (1) LTE Modem (country specific)

Optional Accessories (sold separately)

SFP Modules

Features

- Management over LAN, WAN or LTE (L2TPv3 session)
- Static Unmanaged L2TPv3 Ethernet Pseudowire
- Dual L2TP server
- Management VLAN on any copper or fiber port
- IPv4 management support
- VLAN (IEEE 802.1Q) Q-in-Q (C-Tag)
- Syslog
- 4K VLANs
- Auto-Negotiation
- Forced speed/duplex modes
- Full duplex / flow control
- Loop Protection
- Traffic limiting by interface
- 2000 byte Jumbo frames over Ethernet ports
- Static Routing
- Bidirectional Forwarding Detection (BFD)
- Linux based software stack
- Netconf
- QoS support on both port and logical interfaces
- Ingress and egress rate limiting per port
- TACACS+ & ACL
- Remote firmware upgrades
- LLDP

Specifications

Standards	IEEE 802.3 IEEE 802.3ad IEEE 802.1Q IEEE 802.3u IEEE 802.3z IEEE 802.3x IEEE 802.1p IEEE 802.1AB
Ports	(4) 10/100/1000Mbps Base-T ports (1) 100/1000Mbps SFP slots (1) RJ-45 Management ports
Dimensions	Width: 8.58" [218 mm] Depth: 7.48" [190 mm] Height: 1.73" [44 mm]
Power Input	100 - 240VAC (0.1A max)
Power Consumption	20 Watts
Environment	Operating: 0°C to 55°C Storage: -20°C to 65°C
Weight	2.31 lbs. [1.05 kg]
Warranty	1 Year

Features Continued

- Generic storm controllers for flooded broadcast, flooded multicast, and flooded unicast traffic
- Static IP and DHCP client support
- Read-only device config/status support via SNMP v2c and V3
- SSHv2
- NTP server syncing
- AAA accounting
- Front Panel LED for configurable alarms
- Supports OTDR capture from OTDR SFPs
- Additional features may be available by request

6010x = LTE Modem

LTE Module	Region (Carrier)	Frequency Bands
60100	Latin America / Australia (Telstra) / New Zealand	LTE-FDD: B1/B2 (does not support RX diversity) / B3/B4/B5/B7/B8/B28 LTE-TDD: B40 WCDMA: B1/B2/B5/B8 GSM/EDGE: B2/B3/B5/B8
60101	North America (A&T; T-Mobile) / Canada (Rogers; Telus)	LTE-FDD: B2/B4/B12 WCDMA: B2/B4/B5
60102	EMEA (Global Vodafone; Europe Deutsche Telekom; Europe Telefonica) / South Korea (SKT; KT*) / LGU+*) / Thailand / India	LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM/EDGE: B3/B8
60103	Latin America / Australia / New Zealand	LTE-FDD: B1/B2 (does not support RX diversity) / B3/B4/B5/B7/B8/B28 LTE-TDD: B40 WCDMA: B1/B2/B4/B5/B8 GSM/EDGE: B2/B3/B5/B8
60104	Japan (NTT DOCOMO; SoftBank; KDDI)	LTE-FDD: B1/B3/B8/B18/B19/B26 LTE-TDD: B41 WCDMA: B1/B6/B8/B19
60105	North America (Verizon)	LTE-FDD: B4/B13
60106	North America (FirstNet)	LTE-FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5
60107	Mexico	LTE-FDD: B2/B4/B5/B7/B8/B66 WCDMA: B2/B4/B5

*Under Development

Power Cord Included

To order the corresponding country specific power supply, add the extension from the list below to the end of the SKU; Ex: N2E-ATLAS-60000-NA

-NA = Country Code

- NA = North America
- LA = Latin America
- EU = Europe
- UK = United Kingdom
- SA = South Africa
- JP = Japan
- OZ = Australia
- BR = Brazil