✓ *Provides plug 'n' play operation, including automatic loop bonding lines with NO configuration requirements*

✓ *Supports selectable E1 data rates up to 2.048Mbps per E1 line (symmetrical), for a total of up to 4Mbps using a 2-port bonded group*

✓ *Connects directly to any 10/100 Mbps Ethernet port on a PC or LAN*

✓ *Loop Bonded links have automatic failover and recovery for increased network resilience*

✓ *Can be used with the Zhone MALC, EtherXtend, or 12000/4000 IP DSLAM products, as well as other E1 Network Extenders in point-to-point configurations*

High-speed Ethernet based Dual E1 Network Extender/CPE
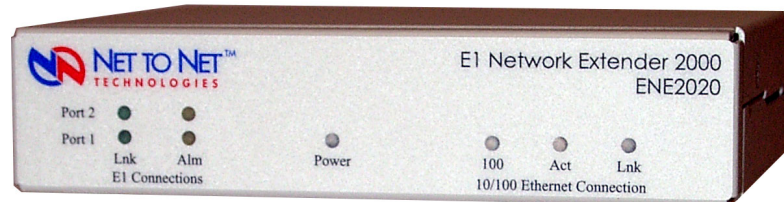
Ethernet over bonded E1 is ideal for delivering highly reliable, resilient access at rates up to 4Mbps. With the ENE2020, bonded groups are automatically created, removed and repaired, providing both ease of use as well as maximum uptime.

Zhone's E1 ENE2020 can be used in a point to point configuration with other E1 Network Extender Provider Units as well as EtherXtend Ethernet in the First Mile (EFM) CPE, or it can be used to terminate E1 lines from both Zhone's MALC Multiservice Access Loop Carrier and the IPD12000 Ethernet DSLAM.

The ENE2020 provides a simple and easy way to extend Ethernet over bonded E1 circuits for high speed access services at distances beyond the reach of xDSL circuits.

The ENE2020 is designed for ease-of-use; configuration requirements are removed completely, allowing this device to be installed into the customer premise quickly and cost-effectively. The ENE2020 is based on Ethernet transport technology over standard E1 lines, providing a 100% Ethernet-based access technology for optimum usability, throughput and reliability.

Dual Port Ethernet E1 Network Extender

Technical Specifications

Dimensions

- 1.25" (3.2cm) High x 5.5" (14cm) Wide x 4.5" (11.5cm) Deep

Weight

- 0.6 lbs (0.28 kg)

Power

- 100-125VAC @ 1.0A
- 200-240VAC @ 0.5A

Interfaces

- 1 E1 RJ48C 8-position jack (un-channelized E1)
- 1 10/100 Ethernet RJ45

Bandwidth/Distance

- E1 circuits are not distance limited

Regulatory Compliance

- EMC: FCC Part 15; CSA/C108.8; EN55022; EN55024
- CE Marking
- Safety: UL1950, CSA C22.2 No. 950; EN60950
- CE Marking

Operating Requirements

- Temperature: 32ºF to 122ºF (0ºC to 50ºC)
- Non operating temperature: -40ºF to 158ºF
- (-40ºC to 70ºC)
- Humidity: 5% to 95%, non-condensing
- Altitude: -200ft to 16,500ft (-60m to 5,000m)

Ordering Information

ENE2020-S-EU	2 port E1 loop bonding Network Extender Subscriber unit with European Power Supply
ENE2020-S-UK	2 port E1 loop bonding Network Extender Subscriber unit with UK Power Supply
ENE2020-P-EU	2 port E1 loop bonding Network Network Extender Provider unit with European Power Supply
ENE2020-P-UK	2 port E1 loop bonding Network Network Extender Provider unit with UK Power Supply
ENE2020-KIT1EU	2 port E1 loop bonding Network Network Extender Point-to-Point kit, includes one ENE2020-P and one ENE2020-S with European Power Supplies
ENE2020-KIT1UK	2 port E1 loop bonding Network Network Extender Point-to-Point kit, includes one ENE2020-P and one ENE2020-S with UK Power Supplies

For more information about Zhone and its products, please visit the Zhone Web site at www.zhone.com or e-mail info@zhone.com