

# EN-1000™



## EN-1000™ Prime Applications

- ATMs
- Retail Point-of-Sale
- Kiosks
- Remote payment processing
- Digital Signage
- Electronic Gaming
- Remote access and control

## EN-1000™ Standard Features

- Ideal upgrade path for 2G or 3G, LTE reliability at 2G price
- Excellent for secure, low bandwidth transactions and monitoring
- Distributed Enterprise Support for a variety of networks providing “always on” service
- License free, VRRP, DMNR, GRE and IPsec
- VPN (tunnel, NAT-T, and Dead Peer Detection)
- Cloud Management through enCloud™
- Pass Through/Bridge Operation for direct connect to the Internet

## LTE CAT 1 CELLULAR ROUTER

The Encore Networks EN-1000™ high-performance router is the industry’s first Sprint router for LTE Category 1 (CAT 1) service. The Sprint LTE CAT 1 provides a low-latency broadband connection, 10 Mbps down/5 Mbps up. The EN-1000™ price point is lower than most 3G and competing 4G equipment. This makes the EN-1000™ on LTE CAT 1 an ideal replacement for aging 2G and 3G cellular data equipment and a low-cost entry point into 4G for;

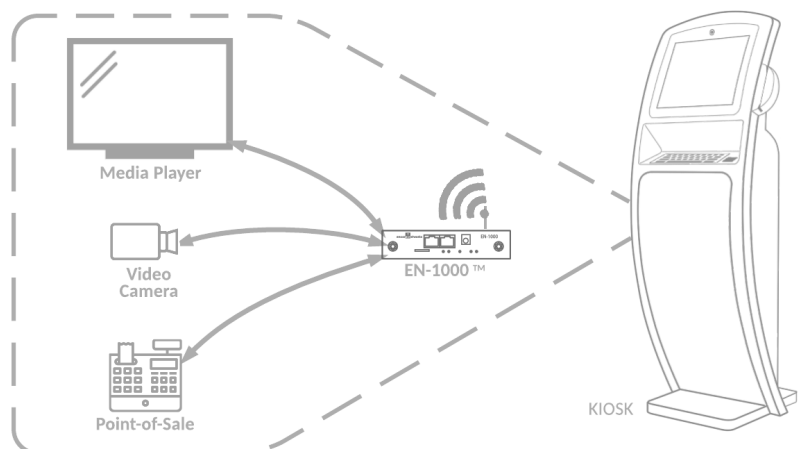
- Business Continuity
- Digital Signage
- Point-of-Sale
- Kiosks and other low- data applications

All EN™ Series routers come with a three-year hardware warranty, an intuitive GUI interface, built in Firewall, IPSec VPN support and advanced IP routing protocols.

## Manage the EN-1000™ with enCloud™

In addition, all of the EN™ Series routers can be monitored and managed with Encore’s enterprise management system enCloud™ from anywhere at anytime. The Encore enCloud™ makes managing your entire network of EN™ Series routers easier from a couple of units to thousands of units, including Cellular data limit enforcement for individual and group data plans, included firmware updates, no touch deployment for new hardware, and custom tiered views to assist in delivering managed network services for multiple end customers.

## Cloud Management Available with enCloud™ Enterprise Management System



# TECHNICAL SPECIFICATIONS

<b>GENERAL FEATURES</b>	Broadband Router Secure VPN router Modem/Cellular IP Pass Through/Bridge Operation QoS enforcement to prioritize critical traffic
<b>SECURITY APPLIANCE FEATURES</b>	Stateful inspection layer 4 firewall, NAT, NAT Traversal HTTPS-SSL IPsec with AES 256 and 3DES 4 tunnels max Generic Router Encapsulation GRE (RFC 1701) Internet Key Exchange - IKE V1, V2
<b>IP TRANSPORT PROTOCOLS</b>	Static routing DHCP client/server IP QoS and traffic prioritization IP fragmentation/reassembly IP routing over VPN; TCP and UDP 802.1q VLAN tagging Dead Peer Detection Virtual Redundant Routing Protocol (VRRP)
<b>WAN TRANSPORT PROTOCOLS</b>	IP over Ethernet Asynchronous PPP MLPPP DMNR PPPoE
<b>CELLULAR</b>	Sprint; LTE CAT1 10/5 Mbps Bands 2, 4, 5, 12, 17, 25, 26
<b>PHYSICAL FEATURES</b>	LEDs for cell module, system status, network status, and power LEDs for LAN/WAN and Cellular signal strength indication One 10/100 Mbit/s Ethernet RJ-45 (WAN/LAN) - WAN is factory default One 10/100 Mbit/s Ethernet RJ-45 (LAN) Reset Switch Two antenna SMA connectors for embedded internal cellular radio Accessible SIM Slot Power Input Optional DIN Rail Clip or Optional Mounting Bracket
<b>MANAGEMENT</b>	enCloud™ Device Management System GUI Web Management SSH (Secure Shell) SNMPv3 manageability HTTP/HTTPS - web access interface Telnet Syslog
<b>MECHANICAL</b>	Height: 1.6 inches/40 mm Width: 5.7 inches/145 mm Depth: 4 inches/100 mm Weight: 1 lb. ( 0.45 kg)
<b>ENVIRONMENTAL</b>	Operating: -20 C to +70 C Storage: -40 C to +85 C Humidity: 5% to 95%, non-condensing
<b>STANDARDS COMPLIANCE</b>	RoHS Compliant EMC, FCC Part 15, EN 55011/CISPR II 100 - 240VAC Autoranging, 47-63Hz Power Supply (12V input) Power Consumption - 3.5 watts nominal, 7 watts transmitting
<b>PRODUCT SAFETY</b>	UL/CSA 60950-1, EN 60950-1 CAN/CSA-C22.2 No. 60950-1-03

Specifications subject to change without notice

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