



Netopia[®] 3386-ENT/3387WG-ENT Broadband Enterprise Ethernet Routers

Business-class Broadband Routers for Enterprise LAN Applications that serve as an extension to an existing broadband connection.

HIGHLIGHTS

- Turn any broadband connection into a manageable end-point for managed service providers and distributed enterprises
- Multiple LAN options to support small-office networking
- User-friendly installation for simple set-up
- Robust security features to protect PCs and other networked devices from unwanted intrusions
- Deliver routing, security, and VPN features designed for distributed enterprise applications
- Advanced Quality of Service (QoS) features designed to help service providers improve efficiency and reduce costs
- Wireless model includes 3-D Reach[®] technology for increased Wi-Fi[®] range and performance

The Motorola Netopia Broadband Enterprise Ethernet Routers are a family of enterprise-class routers equipped to handle the needs of small-, medium-sized, and distributed businesses. They are designed for the enterprise user who wants to create a network of multiple computers or Ethernet-enabled devices, such as network printers or external storage devices.

The Motorola Netopia Broadband Enterprise Ethernet Routers (models 3386-ENT and 3387WG-ENT) are equipped with four-port Ethernet ports, enabling business users to create a network of multiple computers or Ethernet-enabled devices in their business environment. The routers come standard with a wide-range of routing, security, and management features optimized for enterprise applications. Unlike competitive solutions that require expensive and cumbersome firmware upgrades, Motorola's Broadband Enterprise Ethernet Routers are deployment ready for applications requiring high-speed VPNs, stateful firewall security, and enterprise-class remote management. Their rich security feature set and high-performance hardware features eliminate the need for an additional firewall or VPN security appliance.

Motorola's Broadband Enterprise Ethernet Routers are full-featured gateways. Model 3386-ENT is equipped with four 10/100BASE-T Ethernet ports, which can be used to set-up a small-office network to share a printer or transfer data. The Ethernet WAN interface links to any cable modem or xDSL connection for

a secure and remotely manageable end-point. The 3386-ENT supports main access technologies for today's small office environment. Business-critical features are embedded, such as built-in firewall and VPN features, self-install capabilities, and a rich set of remote management options, including menu-driven, Command Line Interface (CLI), and Simple Network Management Protocol (SNMP) interfaces. From installation to ongoing support, the 3386-ENT keeps remote offices and teleworkers secure, while allowing remote access for management and troubleshooting purposes.

Model 3387WG-ENT is equipped with the same features as the 3386-ENT and adds an internal wireless access point, giving users the ability to easily set up a network of multiple computers, shared network printers, or external storage devices. The 3387WG-ENT is also equipped with 3-D Reach for superior wireless range and coverage.

The 3386-ENT and 3387WG-ENT gateways give service providers the opportunity to deliver business-class functionality that enables distributed enterprises to attain top-line growth and bottom line savings. Built-in security protects data, applications, and gateways without the need to purchase separate software or hardware. Ease of use, comprehensive management, and high reliability improve customer satisfaction while reducing operational and support costs.

DATA SHEET

Netopia® 3386-ENT / 3387WG-ENT Broadband Enterprise Routers

Specifications

HIGHLIGHTS, CONT.

- Advanced features are designed to help service providers monetize broadband networks while improving efficiency and reducing costs
- Cost-effective design increases service provider profitability for mass-deployment scenarios
- Speed and performance with hardware-based VPN acceleration and an integrated Ethernet

THE MOTOROLA NETOPIA BROADBAND ENTERPRISE ETHERNET ROUTER (3386-ENT)

The 3386-ENT is a four-port Ethernet LAN model that serves as an extension to any broadband modem, allowing the user to create a network of multiple computers or Ethernet-enabled devices, such as a network printer or external storage device.

THE MOTOROLA NETOPIA BROADBAND ENTERPRISE ETHERNET ROUTER (3387WG-ENT)

The 3387WG-ENT is a four-port Ethernet LAN extension with internal wireless access point that connects to any broadband modem, giving the user the ability to set up a network of multiple computers or a shared network printer or external storage device. It's equipped with 3-D Reach for superior wireless range and coverage.

WAN

One 10BASE-T/100BASE-T Ethernet Port
Auto-MDIX/MDX
Full or Half Duplex

LAN

Ethernet Four 10BASE-T/100BASE-T Ethernet Ports; Auto-MDIX/MDX; Full or Half Duplex

Wireless (3387WG-ENT) IEEE 802.11b/g Wi-Fi Wireless LAN: Antenna diversity (omni-directional); Auto Channel Selection; Multiple SSID support; Security and Registration support (IEEE 802.1X support; WEP64, 128, 256, WPA, WPA-PSK support; MAC Address Filtering support); Wi-Fi Certified (WPA2-Personal and WMM)

LEDs

Power, Ethernet, Internet Status and Activity Indicators

LAYER 2 BRIDGING

802.1d MAC layer Bridging
MAC address learning and aging
512 Maximum MAC addresses learned
Multicast groups
Configurable Maximum Packet Size
VLAN 802.1Q support
Bridge and Routing mode selection

LAYER 3 ROUTING – IP

Static routing
Default route
Virtual router interfaces
Variable length subnet mask
RIP v1 and v2 on LAN/WAN
ICMP redirects
DHCP server, relay agent, and client
DNS relay
Netbios proxy
BootP
PPP Dial on demand
HeartBeat capabilities
IGMP Multicast Forwarding (LAN/WAN)
IGMP Snooping
IGMP Fast Leave
IGMP v1, v2 and v3
Multiple primary LAN subnets

IP ADDRESS TRANSLATION

Network renumbering (RFC 1631)
NAT / PAT / NAPT
6000+ Maximum simultaneous NAT/NAPT sessions
NAT pass-through
Multiple PAT maps
Adjustable PAT range
Application layer gateways: SIP support
UPnP

PROTOCOLS

PPP PPP over Ethernet (RFC 2516); PPP over Ethernet pass-through; User authentication (PAP/CHAP/MSCHAP)

QUALITY OF SERVICE

DiffServ traffic prioritization through TOS
802.1p QoS Configurable traffic prioritization by source and destination addresses; Port and protocol

HIGH AVAILABILITY

External analog backup
Backup gateway
Schedule connections
VRRP

SECURITY

Basic firewall capabilities
Policy-based routing
Filter on source and/or destination IP/port value
Filter on SYN, ACK flags and ICMP
SPI Firewall
Logging and scripting
Stateful Inspection Firewall Denial of Service attacks (DoS); Distributed DoS (DDoS)

VPN (Gateway, Client, or Server Termination) PPTP; L2TP; LNS - L2TP access server; GRE; IPsec (IKE, AH, ESP; DES [56-bits and 3DES 168-bits]); L2TP encapsulation in IPsec; Initiate terminate VPN connections (maximum number of tunnels: 15)

Secure Management Tiered admin access; 4 management users profiles; RADIUS (AAA) management authentication support; TACACS+ Authentication

CONFIGURATION AND MANAGEMENT

Menu UI
CLI (full featured scriptable with integrated help)
Configurable console timeout
Management port reassignment
Device and WAN event logs
SNMP v1 and v2 support with enterprise MIBs
Persistent configuration storage during power down
User defined backup configuration
Firmware updates via TFTP
Time/date set via NTP
Syslog server support
Recovery button
Ping packet generation
Traceroute

DATA SHEET

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Specifications, Cont.

REGULATORY

United States	US: FCC Part 68, Part 15 Class B, UL 60950 (CEC Compliant Power Supply)
Canada	CS-03, ICES-003, RSS-210, CUL, CSA
Europe	R&TTE, EN 300 328, EN 301 489, ITU K.21 (RoHS Compliant; CE Mark)

ENVIRONMENTAL

Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage Temperature	-40 °F to 185 °F (-40 °C to 85 °C)
Relative Humidity	5 to 90% (non-condensing)
Power	External, 12 VDC, minimum of 450mA, maximum of 1000mA, depending on model

WEIGHT AND DIMENSIONS

3386-ENT	
Weight	3 lbs (1361g) (unit carton)
Dimensions	1.4 in H x 5.3 in W x 5.4 in L (3.5 cm x 13.5 cm x 13.7 cm)
3387WG-ENT	
Weight	4 lbs (1814 g) (unit carton)
Dimensions	1.5 in H x 7.7 in W x 6.7 in L (3.8 cm x 19.6 cm x 17.1 cm)

Horizontal desktop placement, or vertical standing

Built-in wall mounting keyholes

	WAN	LAN	
MODEL	Ethernet 10/100	4-Port 10/100 Ethernet	802.11B/G Wireless
3386-ENT	X	X	
3387WG-ENT	X	X	X



Rear View, 3386-ENT



Rear View, 3387WG-ENT



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