MultiCom **Ethernet II**
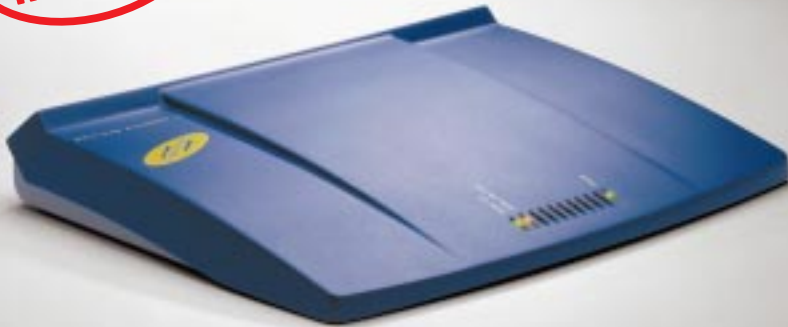
Firewall included

Powerful and secure Internet access over xDSL, cable or wireless modems

The MultiCom Ethernet II gateway introduces the new Ethernet branch of the MultiCom family. With its 10/100 Mbits/s and 10 Mbits/s Ethernet interfaces, it provides secure Ethernet to Ethernet routing and firewall capabilities.

The MultiCom Ethernet II allows flexible management of IP addresses through dynamic and/or static assignment.

With PAT (Port and Address Translation) you can transparently share a Single-User Internet Account with all your local machines.

Thanks to its powerful integrated firewall, the MultiCom Ethernet II is the ideal solution to secure your Internet access.

- **LIGHTNING-Linux benefits:**
  Easy Configuration
  Security
  Reliability
  Time-to-Market

  Embedded LIGHTNING-Linux inside

- **Built-in stateful firewall with customized reporting**

- **Flexible management of IP addresses through integrated DHCP client and server**

- **Single-User Internet Account for all your computers**

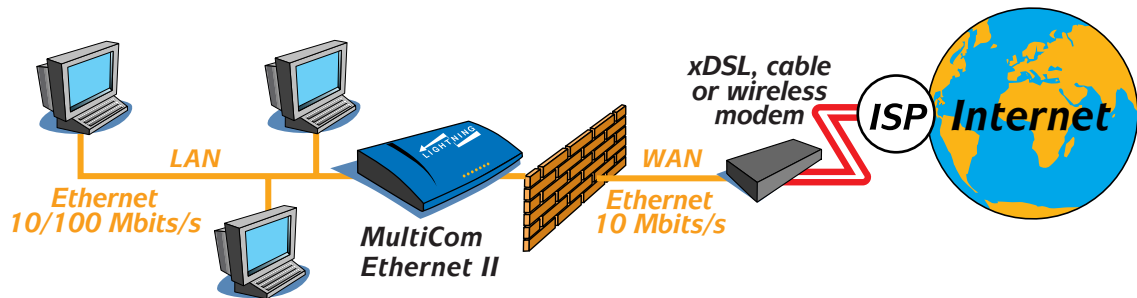- **10/100 Mbits/s and 10 Mbits/s Ethernet interfaces**

IPSec ready

LIGHTNING

SWISS QUALITY

MultiCom Ethernet Family Software Features
Powerful and secure Internet access over xDSL, cable or wireless modems

xDSL, cable or wireless modem

ISP **Internet**

LAN

Ethernet 10/100 Mbits/s

MultiCom Ethernet II

WAN

Ethernet 10 Mbits/s

Flash upgradable

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Your LIGHTNING representative:

Internet & Remote Access
- Easy Setup & Easy Firewall via the Web interface or the multi-platform configurator
- Dynamic DNS to manage changing IP Addresses
- Port & Address Translation (PAT) allows multiple (or selected) users to share the Internet connection
- Multiple PAT combined with Multiple NAT (Network Address Translation) allows new value-added services for ISPs
- *Load Sharing* on incoming traffic (for example for a Web server farm)
- Multimedia (H.323, IRC, ICQ) and PPTP client connection passthrough support with NAT
- DHCP client for dynamic addressing of the MultiCom
- DHCP server (*up to 1000 clients*) for automatic assignment of IP configuration to clients or DHCP Relay on any interface
- Works with any PC, Macintosh or Unix computer with an Ethernet interface that runs TCP/IP.
- MAC hardware address and MTU size editing
- Compatible with PPPoE, for single or *multiple* concentrators (for ISP backup purpose)
- DNS proxy and cache for easier client setup

LAN-to-LAN connectivity
- IP protocol routing
- Static and/or dynamic TCP/IP addressing
- ARP Proxy for virtual IP configuration
- Static and dynamic routing (RIP v.1 + v. 2)
- Wire-speed Ethernet performance

Virtual Private Networks Options
- IPSec protocol VPN with Preshared and Manual Keys supporting AES (Rijndael), CAST128, Twofish, Blowfish 3DES, and DES
- SSH v1 and v2 Port Forwarding*
- VPN Client software available

Network Management
- Platform-independent configuration and monitoring tool with multi-language Graphical User Interface
- Embedded multi-language web interface (Apache-based)
- Flash EPROM for Web-based firmware upgrades, locally and remotely
- Event-driven management with customizable Syslog messages
- Telnet, console and ssh Command Line Interface (CLI) with network tools like ping, traceroute, and name server lookup
- Network Services like SNMP v. 2 Agent, NTP, and FTP
- Password-protected System Management for access control
- Secure SSL (HTTPS) & SSHv2 (telnet) for remote configuration
- DNS Server to name internal servers and workstations*

Security
- Powerful Stateful Packet Inspection firewall for controlled access to/from your network, for *unlimited* clients (simple and advanced configuration interface)
- Can protect against External Intrusions, Denial of Service (DoS), Port Scanning and Spoofing Attacks
- Network Intrusion Detection System (NIDS) with SNORT*
- Digitally-signed firmware upgrades
- URL Filtering to block access to unwanted Internet sites*

Physical Interfaces
- Dimensions: 26 x 18 x 3.5 cm
- Weight: 0.7 kg
- Ethernet: LAN   1 x RJ-45 MDI 10/100 Mbits/s
                WAN   1 x RJ-45 MDI 10 Mbits/s
- Configuration: Default config button
- Display: WAN, LAN, Power
- Power: 12 V DC, 1.2 A, with adapter
- Temperature: 5° to 40° C
- Humidity: 10% to 85%, non-condensing
- Noise level: Noiseless
- Security: Kensington Lock Slot

* This feature was not available at press time.

POWER   WAN ────── Ethernet ────── LAN
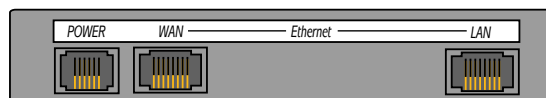
For ordering information, please contact your distributor or LIGHTNING Instrumentation SA.

Windows

Includes Netscape Communicator

Includes Microsoft Internet Explorer

The MultiCom family