



Product Highlights

- » Four 10/100 Mbps Ethernet
- » One PCI-32 Expansion Slot
- » Support for ADSL & T1/E1
- » Wire Speed T1/E1 with VPN
- » Integrated Routing & Security
- » Vyatta Technical Support & Subscription Services Included

Vyatta 514

The Vyatta 514 is ideally suited to connecting small and branch offices to the Internet or private networks. With integrated routing, firewall, and VPN features, and support for WAN hardware interfaces from ADSL to T1 speeds, the Vyatta 514 can be used as a component of a world-wide network and at the same time provide unmatched data security to ensure your corporate data stays private. The Vyatta 514 integrates Vyatta's award-winning open-source secure routing software with a highly integrated, small form-factor hardware platform. With a small footprint and virtually noiseless operation, the Vyatta 514 is perfect for small office environments without a dedicated server or telecom room.

The Vyatta 514 appliance includes four onboard 10/100 Mbps Ethernet ports. A PCI-32 expansion slot supports most commonly used network interfaces, including 10/100/1000 Mbps Ethernet, ADSL, T1/E1. With the pre-installed Vyatta software, the Vyatta 514 includes industry standard routing protocols (BGP, OSPF, RIP) and integrated security features (stateful firewall, NAT, IPSec VPN) as well as VoIP QoS, high availability, WAN load balancing and more. All of these features are configurable via command-line interface (CLI) or web-based graphical user interface (GUI).

These integrated features and functionality make Vyatta 514 appliances ideal for SME, Branch Office, Enterprise and Service Provider deployments ranging from the SME LAN / WAN installations to multi-T1 edge routing.

Hardware	Model 514
Processor	1GHz
Memory	512MB, upgradeable to 1GB
Compact Flash	2GB
I/O Channels	Four onboard 10/100 Ethernet
WAN Expansion	One PCI-32 slot
Interfaces	<ul style="list-style-type: none"> » Linux-supported Ethernet cards » ADSL » T1/E1 1 port » T1/E1 2 port » Synchronous Serial Cards V.35, X.21, RS-422, or EIA530 » 3G Modem
Serial Console	One RS-232 D89
USB	Dual USB 2.0 Connectors
LEDs	<ul style="list-style-type: none"> » Power and storage » Ethernet port activity and link » Ethernet port speed
Power Supply	60W power adapter
Dimensions	Height: 1.97" (50 mm) Width: 8.86" (225 mm) Depth: 8.07" (205 mm)
Weight	2.6 lbs (1.2kg)
Operating Temp	41 to 113°F (5 to 40°C)

Performance	Model 514
L3 Forwarding	70,000 PPS
VPN Forwarding	113 Mbps IPSec
Max VPN Tunnels	1500

Subscription Options

PROFESSIONAL:

- » Latest Vyatta Software
- » Standard X86 Hardware
- » Web-based Ticketing
- » Case SLA - Next Business Day
- » Customer Hot Fixes
- » Online Manuals
- » Knowledge Base

ENTERPRISE:

Professional Features Plus

- » 5 X 12 Phone Support
- » Case SLA - Severity Based
- » Vyatta University Training - Getting Started Courses

PREMIUM:

Enterprise Features Plus

- » 7 X 24 Emergency Phone
- » Case SLA - Priority Response

About Vyatta

Vyatta has reintroduced innovation to the networking industry by leveraging open source technologies and the performance increases of x86-based processors. This innovation has allowed Vyatta to create routing and security appliances that scale from the branch office to the service provider edge, use standard x86-based Intel/AMD hardware and components, run in VMWare, Xen and Hyper-V virtual environments and allow users to customize networks. Oh, and all of that can be done for a fraction of the cost of proprietary systems. For more info, visit <http://www.vyatta.com>.

Vyatta Subscription Edition Software

Vyatta appliances integrate the award winning Vyatta routing & security software and subscription services to deliver a flexible, affordable open networking solution. Vyatta software removes any reliance on proprietary hardware and instead allows users to deploy networks that benefit from the performance of economics of standard x86 hardware and components.

Vyatta appliances include the Vyatta Subscription Edition software, which is fully tested for stability, performance, and security and supported by the Vyatta technical support team. Subscription customers also get proactive notifications of security alerts, software releases, patches & bug fixes as well as access to an introductory set of online training courses and the Vyatta Knowledge base containing hundreds of technical articles.

Software	
IP and Routing Protocols	» BGPv4 » RIPv2 » OSPFv3 » Static Routes
IPv6	» BGP » OSPFv3 » IPv6 Firewalling*
IP Address Management	» Static » DHCP Relay » DHCP Server » Dynamic DNS » DHCP Client » DNS Forwarding
Encapsulations	» Ethernet » Frame Relay » 802.1Q VLANs » MLPPP » PPP » HDLC » PPPoE » GRE » IP in IP
Firewall	» Stateful Inspection Firewall » Zone-based Firewall » P2P Filtering
VPN	» SSL-based OpenVPN » Site to Site VPN (IPSec) » Remote VPN (PPTP, L2TP, IPSec) » DES, 3DES, AES Encryption
Additional Security	» Network Address Translation » Intrusion Prevention » URL Filtering » MD5 and SHA-1 Authentication
Performance Optimization	» WAN Link Load Balancing » ECMP » Ethernet Link Bonding » Bandwidth Management » MLPPP » Web Caching
QoS Policies	» Priority Queuing » Weighted Random » Classful Queuing » Network Emulator » Round Robin
Logging and Monitoring	» Syslog » SNMPv2c
High Availability	» VRRP » IPSec VPN Clustering » Protocol Fault Isolation
Administration	» Integrated CLI » Telnet » Web GUI » SSHv2 » Single Configuration File
Diagnostics & Packet Sniffing	» tcpdump » Wireshark Packet Capture » BGP MD5 Support » Serial Loopback Commands

* Experimental features, currently unsupported

