Product Highlights

Vyatta 3510 Appliance:

» Integrated Routing & Security

» up to 8 x 10 GbE ports

» up to 20 x 1 GbE ports

» 2,000,000 pps throughput

» Vyatta Technical Support & Subscription Services

Vyatta 3520 Appliance:

» All 3510 features plus...

» 3GB Memory

» 3,000,000 pps throughput

» up to 8000+ VPN tunnels

Vyatta Series 3500

The Vyatta 3500 Series appliances combine Vyatta open networking software with high-performance hardware to deliver industry-leading price/performance for enterprise and service provider deployments requiring 10-20Gbps routing and security.

Designed to address the performance and availability requirements of large networks, the Vyatta 3500 series supports a complete set of features and applications required to connect, protect and optimize your network. From enterprise and service provider WAN routing and security to high-performance firewall, VPN and intrusion protection at the branch or datacenter, the 3500 series offers a flexible, scalable appliance-based open networking solutions.

The Vyatta 3500 series are compact 2U, energy efficient appliances that offer redundancy via hot swap power supplies, integrated software RAID and hot swap disk drives to ensure maximum reliability and uptime. The appliances also include four onboard Gigabit Ethernet ports and 4PCI Express expansion slots to support up to 20 x 1 Gbps ports or 8 x 10 Gbps ports.

Hardware	Model 3510	Model 3520
Processor	Quad Core 2.13GHz	Quad Core 2.8 GHz
Memory	2GB	3GB
Dimensions	Height: 3.4" (8.6 cm) Width: 19" (48.2 cm) with rack latches Depth: 28.4" (72.1 cm) with bezel	Height: 3.4" (8.6 cm) Width: 19" (48.2 cm) with rack latches Depth: 28.4" (72.1 cm) with bezel
Form Factor	2U rack height	2U rack height
Hard Drives	2 x 250GB SATA w/ RAID-1	2 x 250GB SATA w/ RAID-1
Onboard Interfaces	4 x Gigabit Ethernet	4 x Gigabit Ethernet
Expansion Slots	2 Gen-2 PCI Express x8 slots 1 full height Gen-2 PCI Express x4 slot 1 low profile Gen-2 PCI Express x4 slot	2 Gen-2 PCI Express x8 slots 1 full height Gen-2 PCI Express x4 slot 1 low profile Gen-2 PCI Express x4 slot
Power Supply	570W non-redundant Redundant power supply available	570W non-redundant Redundant power supply available
Interfaces	» 10/100/1000 Ethernet » 10Gb Ethernet » 3G Modem » T1/E1 1 port » T1/E1 2 port » T1/E1 4 port » X.21 and V.35	» 10/100/1000 Ethernet » 10Gb Ethernet » 3G Modem » T1/E1 1 port » T1/E1 2 port » T1/E1 4 port » X.21 and V.35

Performance	Model 3510	Model 3520
Layer 3 Forwarding	2,000,000 pps	3,000,000 pps
VPN Forwarding	700 Mbps	900 Mbps
Max VPN Tunnels	6000	8000

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 Online 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 software tightly integrates enterprise-class routing, security and traffic management 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 » OSPFv3	» RIPv2 » Static Routes
IPv6	» BGP » OSPFv3 » IPv6 Firewalling*	
IP Address Management	» Static » DHCP Server » DHCP Client	» DHCP Relay » Dynamic DNS » DNS Forwarding
Encapsulations	» Ethernet » 802.1Q VLANs » PPP » PPPoE » IP in IP	» Frame Relay » MLPPP » HDLC » GRE
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 » Ethernet Link Bonding » MLPPP	» ECMP » Bandwidth Management » Web Caching
QoS Policies	» Priority Queuing » Classful Queuing » Round Robin	» Weighted Random » Network Emulator
Logging and Monitoring	» Syslog » SNMPv2c	
High Availability	» VRRP » IPSec VPN Clustering » Protocol Fault Isolation	
Administration	» Integrated CLI » Web GUI » Single Configuration File	» Telnet » SSHv2
Diagnostics & Packet Sniffing	» tcpdump » Wireshark Packet Capture » BGP MD5 Support » Serial Loopback Commands	

* Experimental features, currently unsupported