Cyberoam CR1000iNG-XP Firewall

Product Name: Cyberoam CR1000iNG-XP Firewall
Manufacturer: -
Model Number: CR1000iNG-XP

Please Note: This product has been discontinued. Please see the Sophos XG Firewall XG550 Appliance.

Cyberoam CR1000iNG-XP Firewall
The Cyberoam CR1000iNG-XP Firewall offers inline application inspection and control, website filtering, HTTPS inspection, Intrusion Prevention System, VPN (IPSec and SSL) and granular bandwidth controls. Additional security features like WAF, Gateway AntiVirus, Anti-Spam are also available. The FleXi Ports (XP) available in CR1000iNG-XP appliances offer flexible network connectivity with I/O slots that allow additional Copper 1G, Fiber 1G/10G ports on the same security appliance.
Cyberoam CR1000iNG-XP Key Features

ï¿½ Maximum number of Available Ports 42
ï¿½ Fixed Copper GbE Ports 10
ï¿½ Number of Slots for FleXi Ports Module* 4
ï¿½ Port Options for FleXi Ports Module (GbE Copper / GbE Fiber / 10GbE Fiber) 8,4 / 8 / 4
ï¿½ Console Ports (RJ45) 1
ï¿½ USB Ports 2
ï¿½ Configurable Internal/DMZ/WAN Ports Yes

Cyberoam CR1000iNG-XP - Technical Specifications
System Performance**

ï¿½ Firewall Throughput (UDP) (Mbps) 120,000
ï¿½ Firewall Throughput (TCP) (Mbps) 45,000
ï¿½ New sessions/second 240,000
ï¿½ Concurrent sessions1 3,000,000
ï¿½ IPSec VPN Throughput (Mbps) 5,000
ï¿½ No. of IPSecTunnels 8,000
ï¿½ SSL VPN Throughput (Mbps) 850
ï¿½ WAF Protected Throughput (Mbps) 2,000
ï¿½ Anti-Virus Throughput (Mbps) 8,000
ï¿½ IPS Throughput (Mbps)12,500
ï¿½ NGFW Throughput (Mbps)*** 7,250
ï¿½ Fully Protected Throughput (Mbps)**** 5,800

Stateful Inspection Firewall

ï¿½ Layer 8 (User Identity) Firewall
ï¿½ Multiple Security Zones
ï¿½ Location-aware and Device-aware Identity-based Access Control Policy
ï¿½ Access Control Criteria (ACC): User-Identity, Source and Destination Zone, MAC and IP address, Service
ï¿½ Security policies IPS, Web Filtering, Application Filtering, Anti-virus, Anti-spam and QoS
ï¿½ Country-based Traffic Control
ï¿½ Access Scheduling
ï¿½ Policy based Source and Destination NAT, Gateway Specific NAT Policy
ï¿½ H.323, SIP NAT Traversal
ï¿½ DoS and DDoS attack prevention

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ï¿½ MAC and IP-MAC filtering
ï¿½ Spoof Prevention

Intrusion Prevention System

ï¿½ Signatures: Default (4500+), Custom
ï¿½ IPS Policies: Pre-configured Zone-based multiple policies, Custom
ï¿½ Filter based selection: Category, Severity, Platform and Target (Client/Server)
ï¿½ IPS actions: Recommended, Allow Packet, Drop Packet, Disable, Drop Session, Reset, Bypass Session
ï¿½ User-based policy creation
ï¿½ Automatic signature updates via Cyberoam Threat Research Labs
ï¿½ Protocol Anomaly Detection
ï¿½ SCADA-aware IPS with pre-defined category for ICS and SCADA signatures

Application Filtering

ï¿½ Layer 7 (Applications) & Layer 8 (User Identity) Control and Visibility
ï¿½ Inbuilt Application Category Database
ï¿½ Control over 2,000+ Applications classified in 21 Categories
ï¿½ Filter based selection: Category, Risk Level, Characteristics and Technology
ï¿½ Schedule-based access control
ï¿½ Visibility and Controls for HTTPS based Micro-Apps like Facebook chat, Youtube video upload
ï¿½ Securing SCADA Networks
ï¿½ SCADA/ICS Signature-based Filtering for Protocols Modbus, DNP3, IEC, Bacnet, Omron FINS, Secure DNP3, Longtalk
ï¿½ Control various Commands and Functions

Administration & System Management

ï¿½ Web-based configuration wizard
ï¿½ Role-based Access control
ï¿½ Support of API
ï¿½ Firmware Upgrades via Web UI
ï¿½ Web 2.0 compliant UI (HTTPS)
ï¿½ Command Line Interface (Serial, SSH, Telnet)
ï¿½ SNMP (v1, v2, v3)
ï¿½ Multi-lingual : English, Chinese, Hindi, French, Japanese
ï¿½ Cyberoam Central Console (Optional)

User Authentication

ï¿½ Internal database
ï¿½ AD Integration and OU-based Security Policies
ï¿½ Automatic Windows/RADIUS Single Sign On
ï¿½ External LDAP/LDAPS/RADIUS database Integration
ï¿½ Thin Client support
ï¿½ 2-factor authentication: 3rd party support*****
ï¿½ SMS (Text-based) Authentication Layer 8 Identity over IPv6
ï¿½ Secure Authentication – AD, LDAP, Radius
ï¿½ Clientless Users
ï¿½ Authentication using Captive Portal

* Additional purchase required. FleXi Ports are not HOT swappable.Appliance needs to be turned

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off prior to changing the FleXi Ports Modules.** Antivirus, IPS and Fully Protected Throughput performance is measured based on HTTP traffic as per RFC 3511 guidelines. Actual performance may vary depending on the real network traffic environments.*** NGFW throughput is measured with Firewall, IPS and Web & Application Filtering features turned on.

Please Enquire