tacitine
70% MII Company

Datasheet

EN6200

PRIME OCTA 1000-1X

Next Generation Firewall

NGFW | MII | MSME (Product for Corporate Segment)

Features

Router (Static & Dynamic)
Multi ISP support
Bandwidth Aggregation
4G / 5G LTE dongle support
Quality based Auto Fail Over
Auto Load balance
SDWAN
4095 VLAN tag with L3 Support
High Availability
SPI Firewall & Geo Fencing
GAV, IDS/IPS & WAF
200 + Protocols support
Web & Email Security
Application & Content Filter
Keyword, Wildcard blocking
AAA User Management
Quality of Service
Central Console*
SSL/IPSec/GRE/Crypto
Softether VPN
TFA & MFA Support
DDNS/SNMP/Remote syslog
All in one dashboard
Smart View on alerts
Live Sniffers
Easy to use UI
Inbuilt Logs & Reports
Compliance Logs
MTCTE, FCC,UL,CE, ROHS

Optional Add on Cards
4x10G SFP+ | 4x1GE | 4x1G SFP
8x10G SFP+ | 8x1GE | 8x1G SFP

Features		Specifications
Form Factor (RU)		1U
Concurrent Sessions		13M
New Sessions/sec		200K
Throughput with all features enabled (Under test conditions) (Gbps)		22 (48)^
Firewall IMIX (Gbps)		11 (24)^
IPS Throughput (Gbps)		5 (11)^
Threat Protection Throughput (Gbps)		3 / (7.5)^
NGFW Throughput (Gbps)		4.5 (9.2)^
SSL/TLS Inspection Throughput (Gbps)		2.5
SSL Concurrent Connections		56K
No. of GE Copper Interface (Fixed)		8
No. of 1G / 10G SFP+ Interface (Optional)		2**
No. of WAN Ports		7
IPsec VPN Peers (Site to Site / Client to Site)		6500/6500
SSL VPN (Client to Site)		100/5000^
Firewall Policies (License)		Yes
High Availability		Active -Active | Active-Passive
Type of Processor		X86
Type of Storage | Capacity		SSD | 240GB
Power Supply		Single (Optional Dual)***
Redundant Fan		Yes
Interface expansion Slot (Add on card optional)		1
Details of the firewall Policies provided with License	Web Security essential / URL Filter	Yes
	IPL License	Yes
	Application Visibility License	Yes
	Gateway Anti Virus	Yes
	Gateway Anti Spam	Yes
	APT License (Anti Malware protection C&C Attack, Geo IP Protection Zero day threat Protection)	Yes
Security Intelligence	IP / Domain / Passive Detect end Point, IoC Intelligence	Yes
NGIPS Signatures Supported		35000
IPV6 Ready from day 1		Yes

^ Quoted parameters are achievable only if all SFP+ cards and modules are populated
** SFP Modules need to be purchased separately
*** Appliance comes with Single PSU, customer can opt for Dual PSU at extra cost
^ 100 SSL VPN in defualt License and if required can be purchased and add upto 5000 license

Specifications

The EN6200 PRIME OCTA 1000 Series is specifically designed for the corporate segment, incorporating a flexible "pay-as-you-grow" model to meet the evolving demands of the market. Built with three layers of advanced security, this product ensures the highest level of protection and intrusion-free networking with on box reporting.

Networking

Multiple ISP link support
4G / 5G LTE Dongle support
Captive support for MPLS/RF
LAN / DMZ / VPN Zone
Quality based link failover
Spillover bandwidth support
Priority based load balancing
4095 VLAN tag
Ethernet LAG | Proxy ARP
MAC Clone and VLAN tag on WAN
Alternate DNS Server
Internal DNS Domain
Transparent, Route and Bridge mode

Routing

Staic Routing
Gateway & Interface Route
Multicast Routing
IP Passthrough
ILLB
RIP V1 / V2
OSPF
BGP
PIMv2

SD-WAN

Control & Data Plane management
Zero Touch Provisioning
Enterprise and Split tunnel
Edge device with NGFW support
Jitter, Packet loss & RTA
Subnet Load balancer
Link Management
ILLB & WLLB
Routing & Balancing Policy
Application based, ISP based
Preferred Interface & Firewall address support

Firewall / NAT

SPI and DPI Firewall
Application Visibility & Control
Geo-Fencing (Incoming & Outgoing with separate filters)
Filter Rules (Accept | Reject | Drop | Rapid Accept
DNS Security
MAC-IP Interface binding
Port Forward (SNAT & DNAT)
One to One NAT
NetMap NAT
Global IP Blacklist
NAT Helpers | IP, MAC, Domain List
System Security | Show Config

Web Security

Domain, URL, Keyword, Wild Card
Active X, Java Applet, Cookies
Domain, IP, MAC exemption
DNS Security & Safe Search Filter
100+ Million website Filters
85+ Categories
5000+ Application Filter
Mime Type & File ext blocking
IoC Signatures & IP Blacklist
Zero-day protection | FTP Proxy

GAV & Anti Malware

Mime Type & File ext blocking
Http & Https
POP& POP3
SMTP & SMTPS
IMAP & IMAPS
FTP & SFTP
File size block & Domain exclusion
API integration for sandbox
API integration for 3rd party signatures

IDS/IPS

Dos, DDos, Botnet, Finger
Generic decode event
Invalid IP & TCP options
Invalid T/TCP detection
Obsolete TCP options
Experimetal TCP options
IMAP, P2P, Ransomware
Malware, Phishing, POP,SMTP
Custom Rules support

WAF

Cross Site Scripting
Log4J
SQL Injections
Exploits
Generic attacks
Trojans | Botnet
Information disclosure
Sandboxing

SSL VPN

5 Virtual VPN Servers
3 different modes
Data path optimizer
Enterprise tunnel with PBR
Cipher :
AES-128 & AES-256 GCM
AES-128 & AES-256 CBC
Chacha20-Poly1305
Camellia-128 & 256 CBC
Auth Alogrithm :
SHA256, SHA384, SHA512, MD5

IPSec VPN

Both Interface & Tunnel type
GRE over IPSec | IKE1& IKE2
SDWAN Scheme support
Encryption:
AES 128, 196 256-CBC
AES 128 GCM with 64,96,128
AES 256 GCM with 64,96,128
AES 128 & 256 -CTR
Chacha20-Poly1305
AES-128-CCM with 64.128
AES-256-CCM with 64.128
Camellia 128 & 256-CBC
3DES-EDE-CBC
DH Group: DH1-DH32

AAA

Time, Usage & BW control
Concurrent Login
Hours of Service
Time Frames | Standard Login
Automatic login (IP, MAC,
Multiple IP, MAC binding)
BYOD Support | SMS based OTP
Email based OTP
Social Network Login
Auto Fixed / Random MAC binding
Approval based login
Mobile device blocking
AD/ LDAP / SAML Integration
Blacklist Mgmt, Group Mgmt

Log/Report

100+ Logs and 24 Report
Compliance Logs
Audit Logs
Digest Reports
Live Network Sniffer
Real time netflow (IP & Port)
Connection Tracking Log
Config Change log
Firewall login digest report
180 days log archive
30+ debugging commands
Built in logs and reports

Alerts

ISP link down alert
HA failover alert
Real Time alerts on data usage
Alert on Firewall login
Alert on Watchdog on process failure
Alert on FTP log export
Alert on Configuration Changes
Rest API | SNMP V2/V3, Remote Syslog

Firewall Management

Configuration Management
Auto backup on daily / weekly / monthly
Backup via FTP / email
Daily Digest Report over email
Ethernet Port Management
Password Policy | NTP Setting
EDL Support | SOAR Support

Appliance

8 - GE Ports & (optional) 2x 1/10G SFP+
DDR4 - 8/16GB | SSD - 240GB
2 USB | 1VGA | 1 Console
Dim-mm (HxWxL) : 44x360x270
Color : Black|
Weight : 7Kg
Oper Temp : 0-45 °C
Storage Temp : 2-70 °C
Relative Humidity (NC) - 10-90%

Authentication

On box with password policy
Radius & LDAP / AD
TACACS / TACACS+

Regulatory Compliance

MTCTE
UL, RoHS, CE, FCC
CIPA & HIPPA

All specification and photos are subject to change without prior notice.

1.Maximum Throughput performance is measured under ideal test conditions using industry standard performance test tools. 2. Firewall UDP throughput performance is based on RFC 2544 guidelines. 3.All Performance values are upto or rough guideline only and vary depending on system configuration. 3. IPS throughput(http) measured using default IPS rule set and 512KB object size. 4.VPN throughput measured using multiple tunnels with 512KB response size. 5.Testing done with multiple flows through multiple port pairs. + If all slots populated.

Ordering Information

EN6200-PRIME OCTA 1000-1X-S-Y	8x1GE & optional 2x1/10G SFP+ device includes AV/CF/AS/IDS/IPS/AAA/HW Warranty subscription best suited for 1000 concurrent devices to internet network . Product has built in 2X scalability option
Y = Subscription years options : 1 Year or 3 Years or 5 Years	SD = S - Singe PSU | D - Dual PSU

Tacitine Assured Support

Tacitine Products come with direct OEM 24x7 support by trained Professionals for product configuration and support. TAC helps customer on security best practices to make the network hacker free and more reliable.

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An ISO 9001 & 27001 Company

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