

# Next Generation Firewall



## NGFW | MII | MSME (Product for SOHO 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

| Features  |  | Specifications                   |
|---|--|----------------------------------|
| Form Factor (RU)  |  | 1U                               |
| Concurrent Sessions   |  | 1.5M                             |
| New Sessions/sec  |  | 20K                              |
| Throughput with all features enabled (Under test conditions) (Mbps) |  | 1800                             |
| Throughput Real World (Under test conditions) (Mbps)                |  | 1750                             |
| No. of GE Copper Interface  |  | 4                                |
| No. of 10G SFP+ 10G Interface                                       |  | 0                                |
| No. of QSFP+ 40G Copper Interface                                   |  | 0                                |
| No. of GE Small Form Factor Interface                               |  | 0                                |
| No. of QSFP28 100G Interface  |  | 0                                |
| No. of WAN Ports  |  | 2                                |
| IPsec VPN Peers (Site to Site / Client to Site)                     |  | 175 / 175                        |
| SSL VPN (Client to Site)  |  | 100                              |
| Packet Size (KB)  |  | 1024                             |
| Firewall Policies (License)   |  | Yes                              |
| Traffic Handled   |  | TCP   UDP   TCP/UDP   HTTP/HTTPS |
| High Availability   |  | Active -Active   Active-Passive  |
| Type of Processor   |  | X86                              |
| Type of Storage   Capacity  |  | SSD   128GB                      |
| Power Supply  |  | Single (12V/5A)                  |
| Redundant Fan   |  | No                               |
| Interface expansion Slot  |  | 0                                |
| 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                              |
| Security Intelligence   | APT License (Anti Malware protection C&C Attack, Geo IP Protection Zero day threat Protection) | Yes                              |
|   | IP / Domain / Passive Detect end Point, IoC Intelligence                                       | Yes                              |
| NGIPS Signatures Supported  |  | 30000                            |
| IPV6 Ready from day 1   |  | Yes                              |

# Specifications

The EN6200 PRIME QUAD QG Series is specifically designed for the SOHO 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

Static 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  
80+ Categories  
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  
Experimental 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 MAC binding  
Approval based login  
Mobile device blocking  
AD/ LDAP / SAML Integration

## 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

4 - GE Ports  
DDR4 - 4GB | SSD - 120GB  
2 USB | 1VGA | 1 Console  
Dim-mm (HxWxL) : 44x170x200  
Color : Orange |  
Weight : 2Kg  
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 & HIPAA

# 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. Product has built in 4 Gigabit Ethernet Ports and option to have 2 additional Ports \* Ala-cart features

## Ordering Information

|   |   |
|---|---|
| EN6200-PRIME QUAD QG15-Y                                      | 4 Port device includes AV/CF/AS/IDS/IPS/AAA/HW Warranty subscription best suited for 20-30 concurrent devices to internet network<br>Product has built in 2X scalability option |
| Y = Subscription years options : 1 Year or 3 Years or 5 Years |   |

## Tacitine Assured Support

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



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