

Datasheet

EN6200

PRIME OCTA 2600DG-4X

Next Generation Firewall



Extended
Ports

Three Layer
Security,

SDWAN

Ascendable
Users

AAA

Analyzer

EN6200-Prime Series is designed keeping in mind the requirement of pay as you grow model which is most required for the current market conditions.

Compared to the other product's Tacitine moved one step ahead of providing a comprehensive solutions to meet customer IT needs on seamless failover between the private cloud and alternate Internet connection, secure branch connectivity with 100% uptime and remote manageability coupled with 2x scalability.

EN6200 Prime's scalability feature ensures 70% saving on capex cost on new NGFW purchase when the organization grows 2x on their user numbers.

Tacitine NGFW's inbuilt logs and elaborated reports on every configured features make EN6200 Prime not just a NGFW, instead it is informative, proactive on security breaches, easy to use and provides complete control of the network.

In addition to NGFW features, Prime Series are equipped with AAA Hotspot features for individual user control on both wired and wireless network. Prime Series supports 3G/4G dongles and hotspot along with multiple wired internet connections for auto failover and load balancing.

Performance Parameters

| | |
|--------------------------------|-----------|
| Firewall Throughput | 102 Gbps |
| Firewall IMIX | 51 Gbps |
| Firewall Latency (64 Byte UDP) | 6 μ s |
| IPS Throughput | 40 Gbps |
| Threat Protection Throughput | 47 Gbps |
| NGFW Throughput | 39 Gbps |
| SSL/TLS Inspection Throughput | 14 Gbps |
| SSL Concurrent Connections | 550000 |

* Quoted parameters is achievable only if all cards and modules are populated

Specifications

| Performance Parameters | EN6200 PRIME OCTA 2600DG-4X |
|--|---|
| Concurrent Sessions | 35M |
| New Sessions/sec | 450K |
| No. of WAN Ports | 9 |
| IPSec (Site-Site) & IPSec VPN Peers | 10000 & 10000 |
| Site to Site / Client to SSL VPN | 100 / 15000 |
| NGIPS Signature supported | 35000 |
| Dynamic Routing | RIP V1/V2, OSPF & BGP |
| Encryption Supported | AES 128, 196 256-CBC AES 256 GCM with 64,96,128 Chacha20-Poly1305 AES-256-CCM with 64,128 3DES-EDE-CBC AES 128 GCM with 64,96,128 AES 128 & 256 -CTR AES-128-CCM with 64,128 Camellia 128 & 256-CBC |
| DH Group | DH1-DH2, DH5, DH14-21, DH26-DH32 |
| Authentication Alogrithm | MD5, SHA-1, SHA256, SHA384, SHA 512 |
| IPV6 Ready | Yes |
| Firewall Policies | Unlimited |
| High Availability | Active - Acitve / Acitve - Passive |
| MAC-IP-Interface binding | Yes |
| Licensed LAN Users | Unlimited |
| User Management AAA Hotspot | Yes |
| Hardware Specification | |
| Physical Interface with add on cards | 1xLAN + 9xLAN/WAN GE & 8x10G SFP+ |
| Physical Interface (Standard / Fixed Ports) | 10x1GE & 8x10G SFP+ |
| Type of Processor / RAM DDR4 | X86 / 32GB |
| Storage (SSD) | 480 GB |
| USB / VGA Port / Form Factor | 2/1 / 1U Rackmount |
| Dimensions (mm) - (HxWxD) | 44x435x450 |
| Weight (Kg) / Color | 9 / Black |
| Power Supply | Dual(Redundant Hot Swappable) |
| Redundant Fan | Yes |
| Expansion Slot | 4 Optional Add on Cards 8x10G SFP+ 8x1GE 8x1G SFP 2x40G QSFP+ 4x10G SFP+ 4x1GE 4x1G SFP |
| Power Consumption / Total Heat Dissipation (BTU) | 220W (Dual) / 160 |
| Operating Temperature | 0-45° C |
| Storage Temperature | 2-70° C |
| Relative Humidity (NC) | 10 to 90% |
| Regulatory Compliance | MTCTE, FCC Part 15, Class B, CE |

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 4x10G SFP Modules populated.

Ordering Information

| | |
|--|--|
| EN6200-Prime Octa-2600DG-4X-Y | 10x1GE + & 8x10G SFP+ device includes AV/CF/AS/IDS/IPS/AAA/HW Warranty subscription with "D" for Dual PSU and "Y" Support. |
| Y = Subscription years options : 1 Year or 3 Years or 5 Years | |
| 4x - 4 Expansion Slot Options : 2x10G SFP+ 4x1G SFP 4x10G SFP+ 8x1GE 8x1G SFP 8x1G SFP+ *SFP modules need to be purchased separately | |

Tacitine Assured Support

Tacitine products come with direct OEM 24/7 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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An ISO 9001 & 27001 company

Features

- Router (Static & Dynamic)
- Bandwidth Aggregation
- Scalable Users
- Auto Load Balancer & Failover
- Quality based link Failover
- 4095 VLAN with L3 Support
- SPI Firewaall & Geo Fencing
- Web Security
- Application & Content Filter
- Email Security
- GAV, IDS/IPS & WAF
- TFA & MFA Support
- 200 + Protocols support
- AAA User Management
- VPN - SSL / IPSec / Crypto
- QoS & SDWAN
- DDNS/SNMP/Remote sys log
- Traffic Analyzer
- Inbuilt Logs & Reports for 180 days

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