Infinxt

THE NEXT GENERATION FIREWALL

POWERED BY PALO ALTO NETWORKS


## DEVICE HIGHLIGHTS

- Lightweight Wall mount design
- Fan-less with inbuilt heat sink
- Energy efficient
- Intel quadcore processor
- High availability with active/active and active/passive modes

## KEY SECURITY AND CONNECTIVITY FEATURES

### CLASSIFIES ALL APPLICATIONS, ON ALL PORTS, ALL THE TIME

- Identifies the application, regardless of port, SSL/SSH encryption, or evasive technique employed.
- Uses the application, not the port, as the basis for all your safe enablement policy decisions: allow, deny, schedule, inspect, and apply traffic-shaping.
- Categorizes unidentified applications for policy control, threat forensics, or App-ID technology development.
- Provides full visibility into the details of all TLS-encrypted connections and stops threats hidden in encrypted traffic, including traffic that uses TLS 1.3 and HTTP/2 protocols. Enforces security policies for any user, at any location
- Enables agentless integration with Microsoft Active Directory® and Terminal Services, LDAP, Novell eDirectory™, and Citrix.
- Easily integrates your firewall policies with 802.1X wireless, proxies, network access control, and any other source of user identity information.

* Wildfire subscription can be activated through additional license

Infinxt NGFW powered by Palo Alto brings ML-powered Next Generation Firewall capabilities with SP3 architecture to branch offices, retail locations and mid-sized business.

PAN OS, the firewall image that is installed in the CPE device provides the co-relation between the users regardless of the device type and location to all traffic inclusive of all applications, threat and content. Infinxt NGFW powered through PAN OS provides native layer 7 traffic analysis also with the capability of signature creation for in-house developed applications. These is no dependency on socket information from Layer 3 or Layer 4 for application identification.

### EXTENDS NATIVE PROTECTION ACROSS ALLATTACK VECTORS WITH CLOUD-DELIVERED SECURITY SUBSCRIPTIONS

**THREAT PREVENTION** – inspects all traffic to automatically block known vulnerabilities, malware, vulnerability exploits, spyware, command and control (C2), and custom intrusion prevention system (IPS) signatures.

**MALWARE PREVENTION*** – Wildfire subscription protects against unknown file-based threats, delivering automated prevention in seconds for most new threats across networks, endpoints, and clouds.

**URL FILTERING** – prevents access to malicious sites and protects users against web-based threats.

**DNS SECURITY** – detects and blocks known and unknown threats over DNS while predictive analytics disrupt attacks using DNS for C2 or data theft.

**IOT SECURITY** – discovers all unmanaged devices in your network, identifies risks and vulnerabilities, and automates enforcement policies for your ML-Powered NGFW using a new Device-ID policy construct.

* Firewall through put measured with App- ID and User-ID features enabled utilizing App mix transactions.
* Threat prevention throughput measured with App-ID, User-ID,IPS, antivirus and anti-spyware features enabled utilizing App Mix transaction.
* New sessions per second measured with 1byte http transactions. Additionally, for VM models, please refer to hypervisor, cloud specific data sheet for associated performance.

| HARDWARE SPECIFICATION | |
|---|---|
| Product sku | iEdge-100 |
| Appliance Model | iEdge100-IL-PA-VM50 |
| Deployment Mode | Branch/Hub |
| Core | 4 |
| Memory | 8 GB |
| Storage | 64 GB SSD |
| Interfaces | Universal 4x10/100/1000 Mbps 2 x USB 1x HDMI |
| Power supply | 1 X 230V 1.5A(50-60Hz) to 12V/19V 5A AC/DC adapter |
| **PERFORMANCE** | |
| App-ID Firewall throughput | 194 Mbps |
| Threat prevention throughput | 97 Mbps |
| IPSec VPN throughput | 97 Mbps |
| Connections per second | 2910 |
| **SESSIONS** | |
| Max sessions (IPv4 or IPv6) | 62080 |
| **POLICIES** | |
| Security rules | 250 |
| Security rule schedules | 256 |
| NAT rules | 400 |
| Decryption rules | 100 |
| App override rules | 100 |
| Tunnel content inspection rules | 100 |
| Policy based forwarding rules | 100 |
| Captive portal rules | 10 |
| DoS protection rules | 100 |
| **SECURITY ZONES** | |
| Max security zones | 15 |
| **OBJECTS (ADDRESSES AND SERVICES)** | |
| Address objects | 2425 |
| Address groups | 121 |
| Members per address group | 2425 |
| Service objects | 970 |
| Service groups | 243 |
| Members per service group | 485 |
| **SECURITY PROFILES** | |
| Security Profiles | 38 |
| **APP-ID** | |
| Custom App-ID signatures | 6000 |
| Shared custom App-IDs | 512 |
| Custom App-IDs (virtual system specific) | 6416 |

| | |
|---|---|
| **USER-ID** | |
| IP-User mappings (management plane) | 524288 |
| IP-User mappings (data plane) | 64000 |
| Active and unique groups used in policy | 1000 |
| Number of User-ID agents | 100 |
| Monitored servers for User-ID | 100 |
| **SSL DECRYPTION** | |
| Max SSL inbound certificates | 1000 |
| SSL certificate cache | 128 |
| Max concurrent decryption sessions | 993 |
| **URL FILTERING** | |
| Total entries for allow list, block list and custom categories | 25000 |
| Max custom categories | 2849 |
| **ROUTING** | |
| IPv4 forwarding table size | 2425 |
| IPv6 forwarding table size | 2425 |
| Max route maps per virtual router | 49 |
| **L2 FORWARDING** | |
| ARP table size per device | 1455 |
| MAC table size per device | 1455 |
| Max ARP entries per broadcast domain | 1455 |
| Max MAC entries per broadcast domain | 1455 |
| **NAT** | |
| Total NAT rule capacity | 388 |
| **HIGH AVAILABILITY** | |
| Devices supported | 2 |
| Max virtual addresses | 32 |
| **QOS** | |
| Number of QoS policies | 97 |
| Physical interfaces supporting QoS | 4 |
| DSCP marking by policy | Yes |
| **IPSEC VPN** | |
| Max IKE Peers | 243 |
| Site to site (with proxy id) | 243 |
| **GLOBALPROTECT CLIENT VPN (OPTIONAL)** | |
| Max tunnels (SSL, IPSec, and IKE with XAUTH) | 243 |
| **GLOBALPROTECT CLIENTLESS VPN (OPTIONAL)** | |
| Max SSL tunnels | 39 |
| **MULTICAST** | |
| Replication (egress interfaces) | 97 |
| Routes | 485 |

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