SANGFOR NGAF

M5300-F-I

Sangfor Next Generation Application Firewall is the world first fully integrated NGFW + NGWAF with pre-event, during-event and post-event defense for all business assets.

A truly integrated firewall solution, providing holistic overview of the entire organization security network, with ease of management for administration, operation and maintenance.

NGAF-5300 is the ideal Converged Security solution for Small & Medium Enterprises. It is also ideal for Branch Deployment.

All Pictures shown are for illustration purpose only. Actual Product may vary.

Performance & Capacity	NGAF M5300-F-I
Generation #[1]	2
Dimension	1U
Firewall Throughput [2,3]	12Gbps
NGFW Throughput [2,4]	5Gbps
WAF Throughput [2]	5Gbps
IPS & WAF Throughput [2]	3.85Gbps
Threat Protection Throughput [2,5]	4.2Gbps
IPSec VPN Throughput [2]	1Gbps
Max IPSec VPN Tunnels	1,000
Concurrent Connections (TCP)	2,000,000
New Connections (TCP)	80,000
Dual Power Supply	Supported

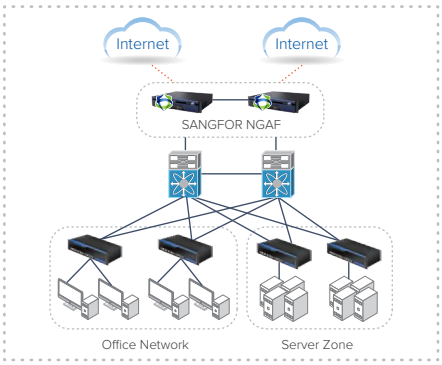
Compliance	NGAF M5300-F-I
Certifications	CE, FCC

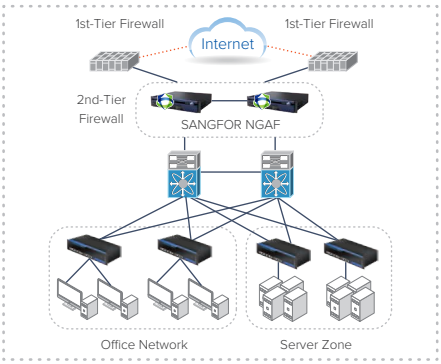
1. Generation #2 of M5300-F-I accepts orders from June 2022. This new generation of hardware brings better stability.
2. All throughput performance data is measured in the laboratory environment. The real-world performance may vary depending on the configuration & network environment.
3. Firewall Throughput is measured with 1518 Bytes UDP packets.
4. NGFW Throughput is measured with Firewall, Application Control, Bandwidth Management and IPS enabled.
5. Threat Prevention Throughput is measured with Firewall, Application Control, Bandwidth Management, IPS and Anti-Virus enabled.
6. If you need the optional NIC card not listed, please consult with Sangfor local sales representatives.

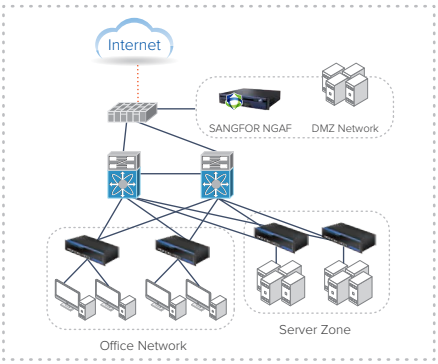
Hardware Specifications	NGAF M5300-F-I
RAM	8GB
Storage HD Capacity	64G SSD
Power [Watt] Max	60W
Operating Temperature	0°C~45°C
Humidity	5%~90% non-condensing
System Weight	4.5 Kg
System Dimensions (L x W x H, mm)	400 x 430 x 45

Network Interfaces	NGAF M5300-F-I
Bypass (Copper)	2 pairs
10/100/1000 Base-T	6
SFP	2
10G Fiber SFP+	N/A
Network Modules (Total/Available)	1/1
Optional Interface [6]	Per network module can add one of the NICs below: 1). 2 x GE RJ45 2). 2 x GE SFP 3). 4 x GE RJ45 4). 4 x GE SFP 5). 8 x GE RJ45 6). 8 x GE SFP 7). 2 x GE RJ45 & 2 x GE SFP 8). 4 x GE RJ45 & 4 x GE SFP 9). 2 x 10GE SFP+
Serial Port	1 x RJ45
USB Port	2

Deployment Modes







End-to-End Protection

- End-to-end protection from endpoint to business system
- Total visibility of the entire organization security status
- Provides High Availability features with Multi-line HA and Load Balancing
- Proactive early detection and prevention at the gateway to prevent attacks from reaching the network

Double Security (2nd-Tier Firewall)

- Double protection which complement existing firewall security policies to ensure full protection
- Providing regulatory compliance
- Simplified deployment, reducing downtime
- Provides flexibility of security design and security policies for different business requirements

DMZ Protection

- Dedicated business system protection for advance protection, without impacting other networks
- Providing regulatory compliance
- Simplified deployment, reducing downtime
- Minimize operation and maintenance works to monitor and troubleshoot security incidents

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Make Your Digital Transformation Simpler and Secure

Key Features

1 Lower TCO Converged Security Solutions

Fully converged security solution from endpoint to business systems, without the needs of manual integration & consolidation of each feature, as well as additional hardware, which results in lower operational and maintenance costs.

2 Comprehensive Business Systems Protection

Comprehensive business systems protection with built-in Web Application Firewall and Vulnerability Scanners, which is critical for internal systems as well as "internet-facing" systems. Business systems protection is easily enabled via advanced license, without any integration or additional appliance required.

3 User Friendly

A single simplified operation & maintenance with interactive GUI, which provides ease of configuration, maintenance, troubleshooting and reporting for IT managers, administrators and operations team.

Security Features

1 Converged Security

Integrated L2–L7 Security features:

- DoS/DDoS: Inbound, Outbound, Attack Protection
- Content Security
- IPS
- Anti-virus
- Engine Zero: AI based anti-malware, anti-virus
- APT
- WAF
- Data Leakage Prevention
- Bandwidth Management
- Real-Time Vulnerability Scanner
- Security Reporter
- Neural-X: Cloud threat intelligence and analytics

2 Comprehensive WAF

- Web Application Firewall (WAF)
- Semantic Engine
- Support OWASP Top 10 WAF requirements
- Recommended by NSS

Software Features

01 Networking

Interface: Physical Interface, Sub Interface, VLAN Interface, Aggregated Interface

Routing: Static, Policy-based, RIP, OSPF, BGP

Network Functions: ARP, DNS, DHCP, SNMP, NAT, High Availability

02 Access Control

User: Import / export from external server

Authentication: SSO/LDAP/RADIUS

Application: ACL and application rules

URL Filter: Supported

03 VPN

SANGFOR VPN, IPSEC VPN and SSL VPN supported

SDWAN auto path selection

04 Management

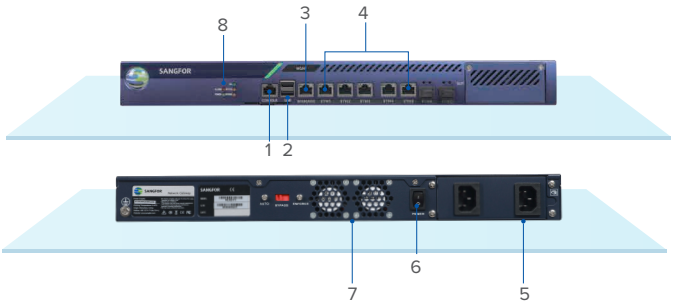
SNMP v1, v2c, v3

Syslog

Real-Time Vulnerability Scanner

Central management

Hardware Description



1. Console Interface
2. USB ports
3. Management Interface
4. Line Interface
5. Power outlet
6. Switch
7. Fan Trays
8. LED Indicators

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NGAF M5300-F-I Ordering Guide

* All bundles are offered in 1, 2, 3 or 5 year increments

Sangfor NGAF Bundle Subscription

SKU	Description
ESS-53-1/2/3/5Y	M5300-F-I, Essential Bundle (30 SSL VPN license, Site-to-Site IPsec VPN, FW, BM, URL filtering, Application Control, IPS, Email Security, Risk Assessment, Security Visibility, Basic Security Reporter)
PM-53-1/2/3/5Y	M5300-F-I,Premium Bundle(30 SSL VPN license, Site-to-Site IPsec VPN, FW, BM, URL filtering, Application Control, IPS, Email Security, Risk Assessment, Security Visibility, Basic Security Reporter, Engine Zero, Neural-X)
ULT-53-1/2/3/5Y	M5300-F-I, Ultimate Bundle including Premium Bundle(30 SSL VPN license, Site-to-Site IPsec VPN, FW, BM, URL filtering, Application Control, IPS, Email Security, Risk Assessment, Security Visibility, Basic Security Reporter, Engine Zero, Neural-X) & Platform-X (NGAF & Endpoint Secure Management, Event Correlation & Response, Security Posture Reporting) & Incident Response (2 times per annum) & Complimentary 30 units of Endpoint Secure Protect Agents (Limited Time Offer)

"A La Carte" Subscription License

SKU	Description
FNX53-1/2/3/5Y	M5300-F-I, Neural-X License, Threat Intelligence & Analytics, Unknown Threat & Advanced Threat Defense, Value-Added Cloud Service
FEZ53-1/2/3/5Y	M5300-F-I, Engine Zero License, AI powered Malware Detection, Anti-malware, Anti-virus
WAFL53-1/2/3/5Y	M5300-F-I, Add Anti-Defacement Module, Web Application FW, Application Hiding, HTTP Anomalies Detection, Data Leak Protection, Web Scanner, Vulnerability Scanner, Advanced Security Reporter

Hardware Support Services

SKU	Description
STS53-1/2/3/5Y	M5300-F-I, NGAF Software Upgrade, 24*7 Technical Support Services
HRTF53-1/2/3/5Y	M5300-F-I, NGAF,Return to Factory (5 Business days ship after receipt)
HSDS-53-1/2/3/5Y	M5300-F-I, NGAF, SDS Hardware Service
HNBD-53-1/2/3/5Y	M5300-F-I, NGAF, NBD Hardware Service
H244G-53-1/2/3/5Y	M5300-F-I, 24x7x4 Delivery Hardware Service

For more information on Sangfor' full range of support & services, please contact your local representative.

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