

Designed to safeguard your network from both known and emerging threats, **Marge 400** the Next Generation Firewall combines advanced threat intelligence with robust security features, ensuring your sensitive data remains secure and your online activities stay private.

Features

- Dynamic Dashboard
- Modern User Interface
- Stateful Firewall
- Firewall Aliases
- Traffic Shaper
- Two-Factor Authentication (2FA)
- Captive Portal
- VPN
- High Availability & Hardware Failover (CARP)
- Web Filtering
- Application Filtering
- Intrusion Detection & Prevention (IDPS)
- SSL Fingerprinting
- Backup & Restore
- Reporting & Monitoring
- Logs (Downloadable in CSV, HTML, TXT, XLS Formats)
- CLI
- Firmware and Signature Updates both Online and Offline
- System Health, the modern take on RRD Graphs

- Supports LAGG, LACP and Failover
- Netflow
- DNS Server
- AD and LDAP Integration (Kerberos SSO, AD Implementation & Authentication)
- Rollback to configuration history.
- Encrypted cloud backup option to Google Drive
- Stateful inspection Firewall
- Granular control over state table
- 802.1Q VLAN support
- Intrusion Detection and Inline Prevention
- Built-in support for Emerging Threats rules
- Scheduler for periodic automatic updates



Specifications

Form Factor	Desktop
CPU	Intel® Core i9® 8C/16T 3.1 Ghz
Memory	64 Gb DDR4 2666 MHz
Storage	SSD : 1 Tb
Input	100 V ~ 240 V
Ethernet	4 x SFP+: 10GbE 8 x LAN: 2.5 GbE RJ45
Dimensions (LxWxH)	285 * 236.6 * 46.65mm
Cooling System	2 x Cooling Fans
Power Supply	Dual Redundant PSU 250W

Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 50°C
I/O Interface	1 x Console port(s): RJ45 2 x USB 3.0
Expansion	1*MPCIE for WiFi and 4G LTE (SIM card interface) 1 Network Expansion Slot
Humidity	5% ~ 90% noncondensing

Capabilities

Concurrent Connections	23000000
New Connections per Second	280000
Firewall Throughput	55.5 Gbps
VPN Throughput	12 Gbps
NGFW Throughput	9.7 Gbps
Antivirus Throughput	12 Gbps
IPS Throughput	11 Gbps
IMIX Throughput	26.7 Gbps
VPN Tunnels	10500
HA (CARP)	Yes
Redundant Power Supply	Yes

Standard Packaging List

Power Card	1
Rack Mounting Ears	2
Screw for Rack-mounting Ears	6
NGFW	Marge 400

Features
<div>Stateful Firewall</div> <ul style="list-style-type: none"> Filter By – Source, Destination, protocol, Port, OS(OSFP) Limit simultaneous connections on per rules base. Log matching traffic on a per rule base. Policy based routing Packet normalization Option to disable filter for pure router mode.
<div>Granular Control State Table</div> <ul style="list-style-type: none"> Adjustable state table size. On a per rule bases limit simultaneous client connection Limit state per host Limit new connections per second. Define state timeout. Define state type (Keep, sloppy, Modulate, Synproxy, None) Optimization options (Normal, High latency, Aggressive, Conservative)
<div>Authentication (2FA/ MFA)</div> <ul style="list-style-type: none"> Supports TOTP AAA, AAAA Google Authenticator Services supported : <ul style="list-style-type: none"> Captive Portal Web Filter and Proxy VPN GUI 802.1 Q VLAN support max 4096 VLAN's
<div>IGMP Proxy</div> <ul style="list-style-type: none"> For multicast routing universal plug and play. Fully supported
<div>GSUITE Credential Access Control</div>

<div>Network Address</div> <ul style="list-style-type: none"> Translation <ul style="list-style-type: none"> Port Forwarding 1:1 of ip's & subnets Outbound NAT NAT reflection Rule based matching <ul style="list-style-type: none"> Protocol Source Destination Port Direction
<div>WAF</div>
<div>SDWAN</div>
<div>Antispam</div>
<div>DNS Server</div> <ul style="list-style-type: none"> Host overrides Supports DNS Domain overrides Host Overrides <ul style="list-style-type: none"> A records MX records
<div>DHCP server</div> <ul style="list-style-type: none"> IPv4 & IPv6 Relay Support BOOTP options
<div>Multi WAN</div> <ul style="list-style-type: none"> Load balancing Failover Aliases
<div>SNMP</div> <ul style="list-style-type: none"> Monitor and Traps
<div>Network Time Server</div> <ul style="list-style-type: none"> Hardware devices <ul style="list-style-type: none"> GPS Pulse per second

<div>Web Proxy and Filter</div> <ul style="list-style-type: none"> Content Filtering Categories based Application filtering. Whitelists and Blacklists Applicable on Users, groups and interfaces
<div>Intrusion Detection & Prevention</div> <ul style="list-style-type: none"> Inline prevention Integrated Rulesets SSL blacklists Feodo Tracker Emerging threats SSL Fingerprinting Auto rule update using configurable cron.
<div>Captive Portal</div> <ul style="list-style-type: none"> Typical Applications <ul style="list-style-type: none"> Guest network Custom wallpaper Custom flash message Multiple zones Authenticators <ul style="list-style-type: none"> LDAP Radius Local user manager Vouchers/ tickets Multiple Voucher Databases <ul style="list-style-type: none"> Export vouchers to CSV Timeouts and Welcome back Bandwidth Management <ul style="list-style-type: none"> Share evenly Prioritize Ports IP Portal bypass <ul style="list-style-type: none"> MAC & IP whitelisting Real time reporting Live top IP bandwidth Usage <ul style="list-style-type: none"> Active sessions Time left
<div>Zero day Protection</div>
<div>Geofencing</div>

<div>Application Filter</div> <ul style="list-style-type: none"> Categories based Application filtering. Whitelists and Blacklists Applicable on interfaces
<div>CICAP</div> <ul style="list-style-type: none"> supports virus scan
<div>Virtual Private Network</div> <ul style="list-style-type: none"> IPSec <ul style="list-style-type: none"> Site to site Road Warrior OpenVPN (SSL) <ul style="list-style-type: none"> Site to site Road Warrior Easy client configuration exporter Wireguard PPTP (Legacy) LT2P (Legacy)
<div>High Availability</div> <ul style="list-style-type: none"> Automatic hardware failover Synchronized state table configuration Synchronisation
<div>System Health</div> <ul style="list-style-type: none"> Round Robin Data Selection & Zoom Exportable
<div>Backup and Restore</div> <ul style="list-style-type: none"> History Configuration Backup Cloud Backup
<div>Firmware*</div> <ul style="list-style-type: none"> Easy Upgrade Rollbacks to previous version/s Reboot warning for major releases.

<div>Caching Proxy</div> <ul style="list-style-type: none"> Multi Interface Transparent mode Access Control List Blacklists Traffic management
<div>Diagnostics</div> <ul style="list-style-type: none"> Filter reload status Firewall Info (PInfo) Top Users (pfTop) Firewall tables <ul style="list-style-type: none"> Aliases Bogons Current Open sockets Show all states State reset State summary Wake on LAN Traffic graph ARP table DNS lookup NDP Table Ping Packet Capture Test port Traceroute Traffic graph
<div>Network Monitoring</div> <ul style="list-style-type: none"> Netflow exporter Network flow analyser fully integrated CSV exporter
<div>Support</div> <ul style="list-style-type: none"> Reticen8 Support