

Designed to safeguard your network from both known and emerging threats, **Marge 25** 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® Celeron® 4C/4T 2.0 Ghz |
| Memory             | 16 Gb DDR4 2400 MHz           |
| Storage            | SSD : 256 Gb                  |
| Input              | 100 V ~ 240 V                 |
| Ethernet           | 4 x LAN: 2.5 GbE RJ45         |
| Dimensions (LxWxH) | 185*175*35 mm                 |

|                       |  |
|-----------------------|--|
| Display output        | 1*Standard VGA interface   |
| Power Supply          | 50Hz~60 Hz Output 12 V, 3.3 A 40 W   |
| Operating Temperature | Working temp: -10°C~60°C,<br>Storage temp: -20°C~70°C                              |
| I/O Interface         | 1 x Console port(s): RJ45<br>2 x USB 3.0   |
| Expansion             | 1*MPCIE support WiFi and 4G LTE<br>(SIM card interface) 1*M.2 support<br>5G Module |
| Humidity              | 5%~95% relative humidity, non-<br>condensing                                       |

### Capabilities

|                            |          |
|----------------------------|----------|
| Concurrent Connections     | 7200000  |
| New Connections per Second | 45000    |
| Firewall Throughput        | 6.1 Gbps |
| VPN Throughput             | 1.5 Gbps |
| NGFW Throughput            | 3.2 Gbps |
| Antivirus Throughput       | 3.2 Gbps |
| IPS Throughput             | 3.8 Gbps |
| IMIX Throughput            | 6.4 Gbps |
| VPN Tunnels                | 500      |
| HA (CARP)                  | Yes      |

### Standard Packaging List

|            |          |
|------------|----------|
| Power Card | 1        |
| NGFW       | Marge 25 |

### Features

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

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

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

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

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

