

LoadMaster 3500



Application Delivery Optimization
Server Load Balancing
SSL Acceleration

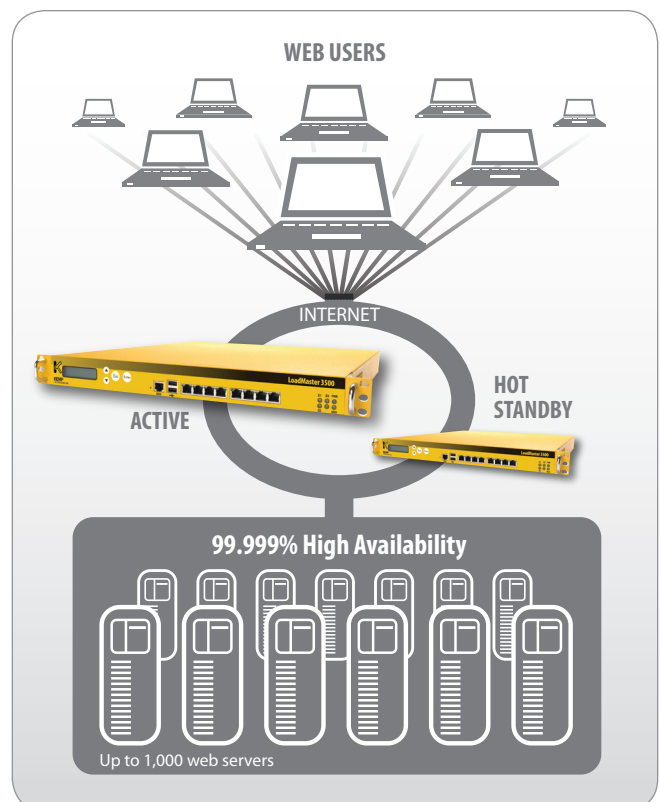


- **High Performance L4 Load Balancing**
- **Layer 7 Content Switching**
- **Hardware SSL Acceleration**
- **IP and Cookie Persistence**
- **High Availability Configuration**
- **Up to 256 Virtual and 1000 Real Servers**

The LoadMaster 3500 is an advanced, 8 Gig-port server load balancing and Layer 7 content switching appliance with integrated ASIC-based SSL Acceleration. The LoadMaster intelligently and efficiently distributes Web traffic among Web servers so that your site's users get the best experience possible.

The LoadMaster 3500 is an essential component of high availability, clustering and fault tolerance, all of which provide the infrastructure for reliable Internet sites and large corporate intranets.

Combining the latest advancements in Layer 4 and 7 server load balancing technology with high-performance hardware platform, the LoadMaster 3500 is a value leader in purpose-built Internet Traffic Management appliances.



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Application Delivery Optimization Server Load Balancing SSL Acceleration



Standard

Server Load Balancing (SLB) for TCP/UDP based protocols
SSL Acceleration/Offload
Layer 7 Content Switching
Up to 256 Virtual and 1000 Real Servers
NAT-based forwarding
Support for Direct Server Return (DSR) configurations
Configurable S-NAT support
VLAN Tagging (802.1Q)

Performance

Up to 1Gbps Throughput
Up to 2Gbps (Combined) Throughput
75,000 http page GETs/second
100,000 L7 concurrent sessions
2,000,000 L4 concurrent sessions
SSL Acceleration Up to 2000 TPS

SSL

ASIC-enabled, hardware SSL Acceleration
PCI-ready SSL Implementation
Support for up to 256 SSL Certificates
Support for Third Party Certificates
Automated SSL Certificate Chaining
SSL Certificate Signing Request (CSR) Generation

Health Checking & High Availability

ICMP health checking of server farm machines
Layer 7 checking for DNS, FTP, HTTP, IMAP, NNTP, POP3, SMTP, TELNET
Automatic reconfiguration for defective real server machines
Active/Hot Standby configurations for High Availability
Stateful Failover

Administration

Fully configurable using Web User Interface (WUI)
Secure, SSH and HTTPS (WUI) remote access for administration
Easy start and maintenance using wizards
WUI-based Help Assistant
Virtual Service Configurations can be edited and tuned on-the-fly
Real time performance and availability displays
Graceful Administrative removal of Real Servers
Console port for local administration
CISCO-like Command Line Interface (CLI) Option
Remote syslogd support
Selective restore of LoadMaster and Virtual Service data
Support for Connection Draining
Download software updates for LoadMaster firmware
WUI Log Reporting with Tabbed Browser Support
SNMP support for event traps & performance metrics
Diagnostic shell with in-line tcpdump

Scheduling and Balancing Methods

Round Robin
Weighted Round Robin
Least Connection
Weighted Least Connection
Agent-based Adaptive
Chained Failover (Fixed Weighting)
Layer 7 Content Switching

L4/L7 Sticky (Persistence)

Connection persistency based on

- Source IP address
- SSL Session ID
- URL
- Host Header
- Passive Cookie
- Active Cookie (Insert)
- Cookie Hash
- Cookie Hash Source
- Query Hash

Port following for persistency options

Security Functionality

Black List (Access Control List system)
IP address filtering
Firewall filtering (everything forbidden except VS's)
DDOS mitigation

Hardware Platform

Intel Dual Core Processor
8 X 10/100/1000 Mbps Auto-negotiating Eth. Ports
Full duplex support
Bootable DOM (No Hard Disks)
1024 MB RAM Expandable to 2048 MB
Local admin via console/VGA and USB
Dimensions: 427 x 458 x 44 mm
350W ATX power supply
Weight ~ 28.66bs (13kg)
Certifications: CE/FCC Class A
RoHS Compliant



* Specifications are subject to change without prior notice