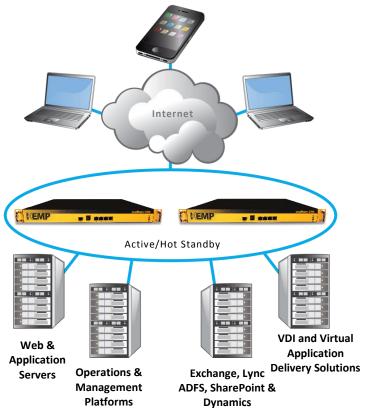
LoadMaster™ 2400



- Application Delivery Optimization
- * Server Load Balancing
- ◆ SSL Acceleration





Affordable Layer 4-7 Load Balancing w/Enhanced SSL Performance

The LoadMaster™ 2400 is an affordable and feature-rich server load balancer. Providing enhanced SSL acceleration capabilities coupled with intelligent Layer 7 application content switching it delivers on the needs of administrators to support an increased number of secure connections for their application deployments – while staying on budget.

The LoadMaster™ 2400 is an essential component to include for high availability of critical application infrastructure in small private cloud environments.

Combining the latest advancements in Layer 4 to Layer 7 application delivery technology, LoadMaster™ is the Load Balancer of choice for providing high availability services in cloud, web and application infrastructures.

The LM2400 can load balance up to 1000 servers and 256 virtual clusters	
Feature	Benefit
High Performance L4/7 Server Load Balancing	Ensures each user gets the best application experience possible
Server Hardware and Application Health Checking	Guarantees user requests will be directed to only "available" severs and "available" applications
IP and L7 Persistence	Ensures that users maintain continuous connections with the specific server where "their" transactional data is available – even if the IP address changes or the session is temporarily interrupted
SSL Acceleration/Offload	Optimizes server performance and user experience for encrypted application content
Advanced Application Delivery Features	Accelerates traffic and reduces latency through intelligent Content Caching, Content Compression and Content Switching
Intrusion Prevention System (IPS)	Thwarts application-level threats even when masked in encrypted application content
Global Server Load Balancing Support	Allows intelligent distribution of delegated services across multiple data centers based on location of client or other pre-configured rules
Pre-Authentication and Single-Sign On	Validates user access to resources prior to forwarding requests to application servers and facilitates a simple user login experience across multiple applications serviced by LoadMaster

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Order from: Cutter Networks Inc Ph: 727-398-5252 / Fax: 727-397-9610 www.bestdatasource.com

LoadMaster™ 2400

Specifications v7.0*



Standard

Server Load Balancing (SLB) for TCP/UDP based protocols SSL Acceleration/Offload

Layer 7 Content Switching

Advanced, App-Transparent Caching Engine for HTTP/HTTPS protocols Optimized Compression for Static and Dynamic HTTP/HTTPS Content

Layer 7 Intrusion Prevention System (IPS), SNORT-Rule Compatible

Up to 256 Virtual and 1000 Real Servers

IPv6 support for addressing and features

IPv6 - IPv4 bidirectional conversion

NAT- based forwarding

Support for Direct Server Return (DSR) configurations

Support for MS RDS with Session Reconnection Built-in

Configurable S-NAT support

VLAN Trunking (802.1Q)

Link Interface Bonding (Modes supported: 802.3ad, Link Failover)

Edge Security Pack (Pre-Authentication & SSO)

Performance

Max Balancer L4 Throughput Up To 1.2Gbps Max Balancer L7 Throughput Up To 1.0Gbps Max Interface Throughput 4 X 949.2Mbps 50,000 L7 (http) requests per second 75,000 L7 concurrent connections

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4,300,000 L4 concurrent connections

SSL Acceleration

1K Keys up to 1,000 TPS 2K Keys up to 200 TPS

SSL

SSL Acceleration w/ support for 2048bit RSA Keys Support for EV (Extended Validation) Certificates

PCI-DSS 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

STARTTLS offload for mail protocols (POP3, SMTP, etc.)

FIPS 140-2 Level 1 capable

Health Checking & High Availability

ICMP health checking of server farm machines Layer 7 checking for DNS, FTP, HTTP, IMAP, NNTP, POP3, SMTP,

WTS (RDS), TELNET

WIS (RDS), TELINET

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

Automation/Orchestration via REST API

Real time performance and availability displays

Order from: Cutter Networks Inc

Preconfigured Applications templates
Console port for local administration
Remote syslogd support
Selective restore of LoadMaster™ and Virtual Service data

- - ----

Support for Connection Draining

Download software updates for LoadMaster™ firmware

Download Software updates for Loadinaster --- Infilware

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

KEMP

Weighted Least Connection

Agent-based Adaptive

Chained Failover (Fixed Weighting)

Source-IP Hash

Layer 7 Content Switching

Global Server Load Balancing (GSLB) Support

Sticky (Persistence) Connection Options

Source IP (L4)

SSL SessionID (L4)

HTTP/HTTPS Browser-session (L7)

HTTP/HTTPS WebClient-session (L7)

RDP Login ID (L7)

Port Following for mixed HTTP/HTTPS sessions

Security Functionality

Layer 7 Intrusion Prevention System (IPS),

SNORT-Rule Compatible

Global & per VS Black list and White list (Access Control List)

IP address filtering

Firewall filtering (everything forbidden except VS's)

DDoS mitigation, including L7 rate based attacks

Hardware Platform

Intel Dual Core Processor

4 X GbE Auto-negotiating, Full Duplex Eth. Ports

Solid State Storage

1 GB RAM

Local admin via console/VGA and USB

Dimension: 426mm (W) x 365mm (D) x 44mm (H)

Weight: 15.4lbs (7kg) 200W ATX power supply

* Specifications are subject to change without prior notice.

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