

CACHEBOX440

PERFORMANCE CACHING SENSIBLE PRICES



OVERVIEW

CACHEBOX440 series is designed for multi-gigabit network cores. It combines enterprise-class feature-rich caching software with the security, reliability and ease-of-use of the appliance format.

CACHEBOX440 is specifically designed to serve high throughput networks. Featuring swappable disks and dual redundant power supply, this 2U rack-mountable model heavily utilises SSDs to store cached objects - delivering these at high speeds.

In typical traffic scenarios, a single **CACHEBOX440** appliance can support more than 25,000 users over multiple gigabits of connectivity. Other vendors only offer this level of performance through complex deployments with higher power and rack space requirements.

If you have an even heavier caching workload, you can cluster two or more **CACHEBOX440s** with WCCP or a load balancer for greater performance.

If you plan to deploy more than 5 or 6 appliances, either clustered in a datacentre or distributed across many locations, you can simplify their configuration, management and recovery with the **CACHEBOX** Central Management Console (CMC).



FEATURES & BENEFITS

Save bandwidth, save money

- Fully featured caching software
- Video caching (YouTube*, Metacafe, Dailymotion, Veoh etc)
- Software update caching (MS Windows, Apple, Avast, Kaspersky etc)
- Off-peak pre-caching of content

Easier to manage

- Intuitive, secure web admin interface
- Setup and caching wizards
- On-box graphical reporting / scheduled reporting to monitor caching and network performance
- Automated on-box / off-box backups
- Automated alerting
- Multilingual interface
- Control and administer multiple users
- Validated and automated data entry
- Operating system runs from read-only industrial CFast memory card
- SNMP support
- Custom ACLs support

*Not for Service Providers

Flexible deployment

- Supports multiple transparent and explicit deployment modes
- Swappable SSD/HDDs
- Clustering, load balancing and hierarchies
- WCCP support (v.2, GRE and Layer 2)
- IP spoofing
- Firewall with NAT forwarding for networking flexibility
- iKVM remote access technology

Safe client browsing

- MS Active Directory integration via NTLM and Kerberos authentication
- User Access Logging

Secure management interface

- Secure HTTPS and SSH management interface
- RADIUS/LDAP authentication

SPECIFICATIONS

Usage	Large network core with multiple gigabits of connectivity
*Performance (HTTP requests per second)	~12,000 HTTP requests per second
Throughput	Can pass through 10G over 10G NIC, cache 4+Gbps
Cache Storage	5 x SSD, 2 x HDD + 1 x HDD for logging All disks are ejectable
Ethernet (NICs)	4 x 1Gig Ethernet ports + 2x 10GigE SFP+ ports
Flash Storage	1 x OS, 1 x data
OS	Linux
Form Factor	19" 2U Rack-mountable
Dimensions	19" (482.6mm) x 3.5" (88.10mm) x 27" (688mm)
Weight (Max)	22 KG
Power	100-240V AC Dual Redundant
Max Power	620W
Temperature	5°C to 35°C (41°F to 95°F)
Humidity	Less than 85% relative humidity, non-condensing

*Peak performance achieved under test conditions. Real life performance limits vary, depending on network and traffic characteristics
**10GigE NIC is standard