CACHEBOX310

appliansys

PERFORMANCE CACHING
SENSIBLE PRICES

OVERVIEW

The CACHEBOX310 is designed for your network core. It combines enterprise-class feature rich caching software with the security, reliability and ease-of-use of the appliance format.

CACHEBOX was one of the first web cache appliances to use Solid State Drives (SSD) and now delivers 3600 HTTP requests per second in a 1U format. Depending on your type of traffic that means it can support more than 20,000 users per appliance. Other vendors only offer this level of performance with bigger, more expensive devices.

As well as using SSD for speed and storing small files, CACHEBOX310 stores larger files - like internet video - including YouTube, Vimeo and others. It also caches software updates from leading Operating System and Application vendors saving you even more bandwidth.

If you have a very heavy caching workload, you can cluster two or more CACHEBOX310's with WCCP or a load balancer to get even higher 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). For more information see the CACHEBOXCMC fact sheet.

FEATURES & BENEFITS

Save bandwidth, save money

- Fully featured caching software support for HTTP and HTTPS[1] content
- Video caching (YouTube, Metacafe, Vimeo, Dailymotion, Veoh etc)
- Software update caching (MS Windows, Apple, Avast, Kaspersky etc)
- Off-peak pre-caching of content
- Media Library – host preselected content, accessible offline[1]

Easier to manage

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

Flexible deployment

- Supports multiple transparent and explicit deployment modes
- Optional Fail-to-Wire resiliency
- 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

Browse safely and log activity

- Secure HTTPS and SSH management interface
- MS Active Directory integration via NTLM and Kerberos authentication
- RADIUS/LDAP authentication

[1] Not available for Service Provider Edition

SPECIFICATIONS

Usage	Network core Performance & storage
*Performance (HTTP Requests Per Second)	3600 HTTP Requests Per Sec 500+ Mbps
Cache Storage	2 x SSD, 1 x HDD Object Storage
Ethernet (NICs)	2 x 10/100/1000**
Flash Storage	1 x OS, 1 x data
OS	Linux
Form Factor	19" 1U Rack-mountable
Dimensions	19" (482.6mm) x 1.75" (44.45mm) x 17" (432mm)
Weight (Max)	8KG
Power	100-240V AC
Max Power	220W
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

**4 x 10/100/1000 if Fail-to-Wire option is required.