CACHEBOX420

appliansys

PERFORMANCE CACHING
SENSIBLE PRICES

OVERVIEW

The CACHEBOX420 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.

CACHEBOX420 has been designed to handle extreme workloads with very high reliability, featuring swappable disks and dual redundant power supply.

CACHEBOX was one of the first web cache appliances to use Solid State Drives (SSD) and is now offered in a 2U format. Depending on your type of traffic that means it can support more than 10,000 users per appliance, over a 1Gbps bandwidth link. Other vendors only offer this level of performance with bigger, more expensive devices.

As well as using SSD for speed and storing small files, CACHEBOX420 stores up to 10TB of larger files - like internet video. 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 CACHEBOX420s 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).

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 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 CFast memory card
- SNMP support
- Custom ACLs support

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
***Performance**	~6,000 HTTP Requests Per Sec, 1Gbps
Performance with NIC Bonding	Upto 1.6G throughput
Cache Storage	3 x SSD, 4 x HDD + 1 x HDD for logging All disks are ejectable
Ethernet (NICs)	4 x 10/100/1000**
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)	20 KG(RC boot)
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
**10GB ethernet is optional