CACHEBOX230

PERFORMANCE CACHING
SENSIBLE PRICES

OVERVIEW

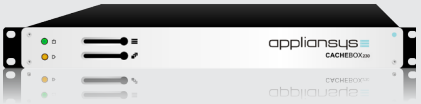
CACHEBOX230 is designed for your network core. It combines enterprise-class feature rich caching software with the security, reliability and ease-of-use of the appliance format.

CACHEBOX**230** was one of the first web cache appliances to use Solid State Drives (SSD) to give you 2500 HTTP requests per second in a 1U format. Depending on your type of traffic that means it can support more than 5,000 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, **CACHE**BOX**230** stores larger files - like internet video - from YouTube, Vimeo, DailyMotion 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 **CACHE**BOX**230**'s with WCCP 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 **CACHE**BOX Central Management Console (CMC). For more information see the **CACHE**BOX**CMC** fact sheet.



FEATURES & BENEFITS

Save bandwidth, save money

- Fully featured caching software support for HTTP
- Video caching (YouTube, Metacafe, Vimeo, Dailymotion, Veoh etc)
- Software update caching (MS Windows, Apple, Avast, Kaspersky etc)
- Off-peak pre-caching of content
- Static storage - keep specific objects permanently, protects from normal cache deletion
- Permanent video storage with customisable viewing portal

Easier to manage

- Intuitive, secure web admin interface
- Setup and caching assistants
- Configuration adapts to deployment mode
- 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
- SNMP support
- Custom ACLs support

Flexible deployment

- Multiple transparent and explicit deployment modes
- 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*

Safe client browsing

- User access logging
- MS Active Directory integration via NTLM and Kerberos authentication

Secure Management interface

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

* Note: Fail-to-Wire & KVM is optional

SPECIFICATIONS

Usage	Network core - Performance & storage
***Performance** (HTTP Requests Per Second)	2500 HTTP requests/second, 250+ 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 when Fail-to-Wire is required