

# CACHEBOX<sub>310</sub>

## PERFORMANCE CACHING SENSIBLE PRICES



### OVERVIEW

The **CACHEBOX<sub>310</sub>** 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, **CACHEBOX<sub>310</sub>** 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 **CACHEBOX<sub>310</sub>**'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 **CACHEBOX<sub>CMC</sub>** 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

#### 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

### SPECIFICATIONS

<b>Usage</b>	Network core Performance & storage
<b>*Performance</b> (HTTP Requests Per Second)	3600 HTTP Requests Per Sec 500+ Mbps
<b>Cache Storage</b>	2 x SSD, 1 x HDD Object Storage
<b>Ethernet (NICs)</b>	2 x 10/100/1000**
<b>Flash Storage</b>	1 x OS, 1 x data
<b>OS</b>	Linux
<b>Form Factor</b>	19" 1U Rack-mountable
<b>Dimensions</b>	19" (482.6mm) x 1.75" (44.45mm) x 17" (432mm)
<b>Weight (Max)</b>	8KG
<b>Power</b>	100-240V AC
<b>Max Power</b>	220W
<b>Temperature</b>	5°C to 35°C (41°F to 95°F)
<b>Humidity</b>	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.