appliansys

CACHEBOX050/100 series

PERFORMANCE CACHING
SENSIBLE PRICES

OVERVIEW

CACHEBOX050 and CACHEBOX100 series are light duty web caching appliances designed for schools, SMEs, branch offices and small ISPs. They combine feature rich caching software with the security, reliability and ease-of-use of the appliance format.

CACHEBOX050 is a small form factor device, about the size of a standard laptop. **CACHEBOX110** offers the same performance levels in a 1U rack-mountable version. **CACHEBOX130** offers higher perfomance and high availability with Fail-to-Wire and KVM functionality. You can use these alone or with larger **CACHE**BOX models deployed further upstream.

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 **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]

Flexible deployment
- Multiple transparent and explicit deployment modes
- Fail-to-Wire resiliency[2]
- 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

[1] Not available for Service Provider Edition
[2] Note: Fail-to-Wire available on **CACHEBOX130** only, offering two additional Fail-toWire NICs.

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

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

RANGE

	CACHEBOX050	CACHEBOX100 Series	
		110	**130**
Usage	Small branch office/school	Small office/school/ISP	Premium Light Duty
***Performance**	400 HTTP RPS / 40Mbps		500 HTTP RPS / 60Mbps
Disk Drives	1 x HDD Object Storage		
High Availability	N/A		KVM & Fail-to-Wire
Ethernet (NICs)	2 x 10/100/1000		
Flash Storage	1 x OS and data	1 x OS & 1 x data	
OS	Linux		
Form Factor	Small Form Factor	19" 1U Rack-mountable	
Dimensions	305mm x 54mm x 279mm	482.6mm x 44.45mm x 254mm	
Weight (Max)	4.5KG	5KG	
Power	100-240V AC		
Max Power	80W	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