appliansys

CACHEBOX050/100

OVERVIEW

CACHEBOX050 and CACHEBOX100 are 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. **CACHEBOX100** has the same features and performance level as the '050' but is a 1U rack-mountable version. You can use them alone or with **CACHEBOX200** series appliances deployed further upstream.

If you plan to deploy lots of appliances 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
- Flash Video Caching (YouTube, Google Video etc)
- Software Update Caching (MS Windows, AV Software etc)
- Pre-fetching and mirroring of content

Easier to manage

- Secure web administration interface
- On-Box Graphical Reporting
- Operating system runs from read only Industrial CompactFlash
- SNMP support allows the box to be monitored by standard networking tools
- Supports custom ACLs
- Logging

Flexible deployment

- Forward transparent, explicit and interception deployment modes including Bridge mode with Fail-to-Wire resiliency*
- Clustering, load balancing and hierarchies
- WCCP Support (v.2, GRE and Layer 2)
- IP spoofing
- Active Directory integration via NTLM authentication
- Firewall with NAT forwarding for networking flexibility

*Note: **CACHE**BOX050 requires the 2-NIC option for Bridge mode deployment and does not support Fail-to-Wire

RANGE

	CACHEBOX050	**CACHE**BOX100
Usage	**Small branch office/school**	**Small office/school/ISP**
Performance	400 HTTP Requests Per Second 40 Mbps	
Disk Drives	1 x HDD Object Storage	
Ethernet (NICs)	**1 or 2 x 10/100/1000**	
Flash Storage	1 x OS & 1 x data	
OS	Linux	
Form Factor	**Small Form Factor Desktop Unit**	**19" 1U Rack-mountable**
Dimensions	**12" (305mm) x 2.1" (54mm) x 11" (279mm)**	**19" (482.6mm) x 1.75" (44.45mm) x 10" (254mm)**
Weight (Max)	5KG	
Power	100-240V AC	
Max Power	80W	
Temperature	5°C to 35°C (41°F to 95°F)	
Humidity	Less than 85% relative humidity, non-condensing	

Note: *Peak performance achieved under test conditions. Real life performance limits vary, depending on network and traffic characteristics