

# CACHEBOX solutions for Education



## OVERVIEW

The **CACHEBOX** range is ideal for educational use. It combines feature rich caching software with the security, reliability and ease-of-use of the appliance format.

**CACHEBOX050** and **CACHEBOX100** are best suited to smaller schools and colleges, while the **CACHEBOX200** series can support the additional demands of larger schools/colleges/universities as well as education network cores.

**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.

**CACHEBOX** supports 'Protex', a content filtering service that protects students online, and also leading education packages like 'KnowledgeBox' and 'Espresso'.

If you plan to deploy lots of appliances across many locations, you can simplify their configuration, management and recovery with the **CACHEBOX** Central Management Console (CMC). For more information see the **CACHEBOXcmc** fact sheet.

## FEATURES & BENEFITS

### Save bandwidth and improve access times

- Fully featured caching software supports HTTP, FTP and more
- Flash video caching (YouTube, Google Video etc)
- Pre-fetching and mirroring of content
- Support for digital content from Pearson Education and Espresso
- Software update caching (MS Windows, AV Software etc)

### Browse safely and log activity

- Support for 'Protex' content filtering
- Active Directory integration via NTLM authentication

### Easier to manage

- Secure, easy to use web administration interface
- On-box graphical reporting
- Operating system runs from read-only industrial CompactFlash
- SNMP support
- Logging

### Flexible deployment

- Variety of deployment modes
- Clustering, load balancing and hierarchies
- WCCP Support (v. 1 & 2, GRE and Layer 2)
- IP spoofing
- Built in DHCP server supporting multiple network interfaces
- Firewall with NAT forwarding for networking flexibility

## RANGE (for full details see related product fact sheets)

	Usage	Form Factor	Performance (HTTP Requests Per Second)
<b>CACHEBOX050</b>	Very small school	Small Form Factor Desk-top Unit	400
<b>CACHEBOX100</b>	Very small school	19" 1U Rack-mountable	400
<b>CACHEBOX210</b>	Small school	19" 1U Rack-mountable	1300
<b>CACHEBOX220</b>	Medium school. Network core. High performance	19" 1U Rack-mountable	2500
<b>CACHEBOX230</b>	Medium school. Network core. Performance and storage	19" 1U Rack-mountable	2500
<b>CACHEBOXcmc</b>	Remote administration of up to 500 <b>CACHEBOX</b> s	19" 1U Rack-mountable	Not Applicable

**Note:** Technical specification is subject to change. Please ask for details.

## CUSTOMER SHOWCASE

