



SYNERTRON TECHNOLOGY INC.

12960 Sunnyside Place, Santa Fe Springs,
CA 90670

TEL: (562)204 0298 FAX: (562)204 0299

www.synertrontech.com

E-mail: info@synertrontech.com

ES800A series Appliance

Powerful cost-optimized capabilities, small form factor

[ES800A Overview](#)

The ES800A is a intelligent, cost-effective Access Appliances. It is integrated a LX-800 500Mhz processor optimized for low-power, low temperature, competitive price and high quality. Customized model each with tailored feature sets, serve the ES800A product segments in the emerging Internet Access Appliance, Thin-Client Computing, Web Server, Education System, and Industry computing.

[ES800A Introduction](#)

The ES800A thin client integrated AMD LX-800 support 500MHz CPU clock provides the complete system, but all in a small package.

The ES800A is a Linux Base Terminal, it provides a fully integrated solution to thin and server based computing. With the ES800A by centralizing deployment and updates of corporate applications, thin clients allow for simplified Information Systems management with dramatically increased security. The ES800A provides an attractive approach for cutting hardware costs, reduced network bandwidth requirements and total cost of owners.

Hardware Features

- AMD LX-800 power to process multiple applications locally
- Small form factor – approximately 1.12"W x 6.58"H x 5.2"D
- Low-power consumption – 6W typical, 1W standby – fanless
- Support dual monitors with max. resolution of 1920x1440 or 1600x1200
- 4 USB 2.0 ports
- High bandwidth Ethernet (10-100Mbps)
- Diskless with non-volatile storage via Flash-IDE-Chip
- 256MB DDR RAM on board, 512MB RAM for option
- Additional audio peripheral connectivity
- Support multiple protocols, plug-ins and local application (Web browser, multimedia player)
 - Microsoft RDP
 - Citrix ICA
- Support for multiple operating systems
 - Microsoft® Windows® CE
 - Microsoft XP Embedded
 - Linux
- Option
 - Wireless 802.11 b/g LAN kit with antenna
 - VESA mounting kit
 - IDE Flash Disk, 32MB/256MB/512MB/1GB
- RoHS Compliance

Application Markets

The ES800A thin client can address a broad range of embedded devices:

- Corporate Thin Client
- Terminal in Blade PC
- Education
- Web Server
- Information Appliance

Mechanical & Environmental

Power supply voltage : +12V DC external power adapter (11V to

13V) Power requirement : 12V / 1A

Power Consumption : 5W

Operating temperature : 0 ~

60°C