

# LX800LCD

## AMD LX800 500MHz Panel PC

### Introduction

The LX800LCD from Datasound Laboratories Ltd. is a high performance, low power, touchscreen HMI - ideal for industrial applications that require no moving parts.

### Super I/O optional to reduce cost

To reduce the overall cost of the CPU module, DSL decided to offer the Super I/O functionality as an option via a PCI-104 peripheral module. The features offered are rarely required in modern Embedded applications with serial, LPT, PS/2 and Floppy all having USB alternatives and the bandwidth of the ISA Bus being very limiting for high speed designs. Features provided by the Super I/O include 2 additional serial ports, LPT port, Floppy port, ISA Bus and PS/2.

### Free Cable Kit

With every board purchased, DSL provide a complete cable kit at no extra cost. Many other manufacturers offer this only as a chargeable extra.

### Ultra Low Power

The AMD LX800 CPU has been specifically designed for Embedded applications with Ultra Low Power in mind. As a result, the DSL-800LX PCI-104 card boasts an amazing overall power consumption of just 4W. This is with 256MB RAM and a 3.5" Hard Disk drive fitted, running Windows XP Professional.

### UK Design, Manufacture & Support

Support throughout the duration of your project is also provided free of charge via our highly qualified onsite engineers. Datasound Laboratories are an official AMD design partner and also have access to the BIOS source code to provide BIOS modifications quickly and efficiently.



## Features

- AMD LX800 500MHz Fanless CPU
- Up to 1GB DDR PC3200 RAM
- 6.5"/8.4"/15" (10.4"/12.1" on request)
- 10/100 Base-T Ethernet
- 2 x Serial Ports
- 4 x USB 2.0 Ports (1 for Touchscreen)
- E-IDE Interface
- Line In / Line Out Audio
- Real Time Clock
- PCI-104 Expansion
- AC Adaptor included
- USB Resistive Touchscreen
- Windows CE, XP, XPe & Linux Support
- Fully RoHS Compliant