FiREFLY

Firefly 600 Video Control Board

The **Firefly 600** Video Control Board is a high-performance multimedia processor board for the demanding requirements of the coin operated video gaming marketplace.

A single board computer in a FlexATX format, the **Firefly 600** is based on the Intel® 815E chipset offering integrated 3-D graphics and universal support for Pentium III® and Celeron® Socket 370 processors up to 1.4GHz.

Offering all the flexibility and performance of a fully featured motherboard together with the key requirements of games applications, the **Firefly 600** offers a cost effective, high reliability solution to a variety of amusement, kiosk and coin-operated equipment.

Multimedia features are in-built with 3-D graphics, stereo sound and a variety of serial, PCI and USB ports allowing easy expansion and connection of peripherals. LAN connectivity is also included.

For ultimate gaming interoperability, the **Firefly X10** USB Expansion Board is available to connect to the **Firefly 600**. This provides extensive I/O capability including power outputs, switch inputs and specialist communications protocols such as ccTalk. Additional functionality provided by the **Firefly X10** includes power down switch monitoring, audio power amplifier and essential software security features.

Rigorous attention to design criteria, and extensive experience in the supply of control systems to the gaming industry, allows Heber to offer the **Firefly** product range with comprehensive through-life support and long term availability to minimise issues with compatibility, obsolescence and regulatory approval.

Firefly 600

HEBER

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ISO 9001   UKAS QUALITY MANAGEMENT 005

OUTLINE SPECIFICATION

Processor	• Socket 370 supporting Pentium III & Celeron processors • Up to 1.4GHz operation • Supports 66/100/133MHz FSB (Front Side Bus)
Chipset	• Intel 815E chipset comprising 1. 82815E B-Step Graphics & Memory Controller Hub (GMCH) 2. 82810BA I/O Controller Hub (ICH2)
BIOS	• Award BIOS
Expansion Slots	• Three PCI Slots
Main Memory	• Two 168 pin 3.3V SDRAM DIMM sockets • Supports PC100/133 SDRAM DIMMS up to 512Mbyte total
Back Panel Connectors	• 2x 9 Way D Type Serial COM1/COM2 • 15 Way D Type Video Out • 25 Way D Type Parallel Port • 2x USB 1.1 • RJ45 Ethernet • PS/2 Mouse • PS/2 Keyboard • Audio: Line In, Line Out, Microphone In
On Board Headers	• Two IDE interfaces with Ultra DMA, ATA-66/100 support • One Floppy Drive interface • 2 additional USB 1.1 Ports
Network	• 10/100 Mbit/sec Ethernet via Intel 82562
Video	• Intel 82815 Graphics 2D/3D
Audio	• AC97 V2.1 compliant audio codec
Operating System	• Microsoft Windows 98, 2000, XP, XP Embedded (recommended)
Dimensions	• FlexATX Form Factor • 9.0" x 7.5" (229mm x 191mm)