

# boundary devices Inc.

In Association with Watters & Associates

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Introduces....

## The Neon™ Board

The **NEON** is a powerful, feature-rich X-Scale, single-board computer, developed specifically for the gaming and player tracking industries.

**NEON** was designed to support displays up to 1280 x 1024 pixels, and to maximize the performance of the Hitachi 6.2" LCD display for brightness and clarity. Its form factor allows it to be directly mounted behind the Hitachi 6.2" display. The photo above shows the **NEON** board with the Hitachi 6.2" display.



The following are additional highlights of the **NEON** board:

- Available with **Windows Ce** or **Linux** Operating Systems
- 400 MHz Intel PXA-255 CPU
- 32 or 64MB SDRAM
- 8 or 32MB Intel StrataFlash (tm) EEPROM
- Silicon Motion SM-501 Graphics Controller
- Active Matrix LCD Support,  
Including Full-Motion Video
- STN Passive LCD Display Support
- 4-Wire Resistive Touch-Screen Support
- 44KHz Stereo 16-Bit Audio Output,  
for Headphones or Speakers
- 44KHz Monaural Audio Input (microphone)
- 3 RS-232 or TTL Serial Ports
- 1 USB 1.1 Slave Port
- 1 USB 1.1 Master Port
- Built-in 10/100 Ethernet Controller,  
Including Power-Over-Ethernet (PoE) Capability
- Built-in Interface for Magnetic Stripe Readers and Printers
- MMC Slot for Expanded Storage
- General Purpose I/O for Device Control
- Built-in Switching Power Supply for 12V DC Input
- JTAG Interface
- Customized Versions Available

Recommended CCFL Inverter Module:

 Microsemi LXM1618-05-42

For additional information on the **NEON** board, contact Watters & Associates.

Represented Exclusively by:

 **Watters & Associates**  
A Manufacturers Representative

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