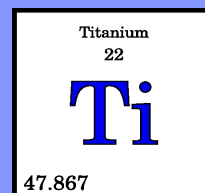


# boundary devices



*The elements of your next design.*

Introduces...

## The Titanium Board

Based on Intel's exciting new ultra low power Atom processor, the Titanium is the first x86 based single board computer (SBC) in the Boundary Devices lineup. The Intel Atom processor coupled with the Intel System Controller Hub US15W is a powerful multimedia system that is ideal for low power embedded applications.

The Titanium maintains all of the traditional features of a Boundary Devices SBC: low power, small form factor, Power-over-Ethernet (PoE) capability, and the ability to interface with any size display. The Titanium is available with a wide variety of connectivity options including on-board LVDS, HDMI, USB, and 10/100 Ethernet.

As with all Boundary products, the Titanium board is fully customizable to meet the cost and performance requirements of the customer.

The following are additional highlights of the Titanium board:

- Intel Atom Processor Z5XX Family
- Intel System Controller Hub US15W
- Up to 2GB DDR2 SDRAM—SODIMM
- Compact Board Size: 6.25" x 3.25"
- LVDS/HDMI/DVI Display Interface
- Backlight Control
- 4-Wire/5 Wire Resistive Touch-Screen Support
- HD Audio Codec
- 1 RS-232 or TTL Serial Ports
- 1 High-Speed USB 2.0 OTG
- 4 High-Speed USB 2.0 Master Port
- Power-Over-Ethernet (PoE) Capability  
With pluggable PoE module
- 10/100 Ethernet Controller
- I2C Interface



- MicroSD Slot for Expanded Storage
- General Purpose I/O for Device Control
- Supports Windows XP, Windows CE, Embedded XP or Linux Operating Systems
- Customized Versions Available
- Single 5V AC Adapter
- RS485 Support Available
- RoHS compliant

For additional information on Titanium and all other Boundary Devices products, please visit our website: [www.boundarydevices.com](http://www.boundarydevices.com).

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