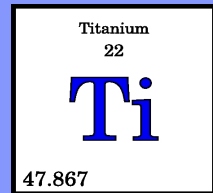


boundary devices



The elements of your next design.

Introduces...

The Titanium Board

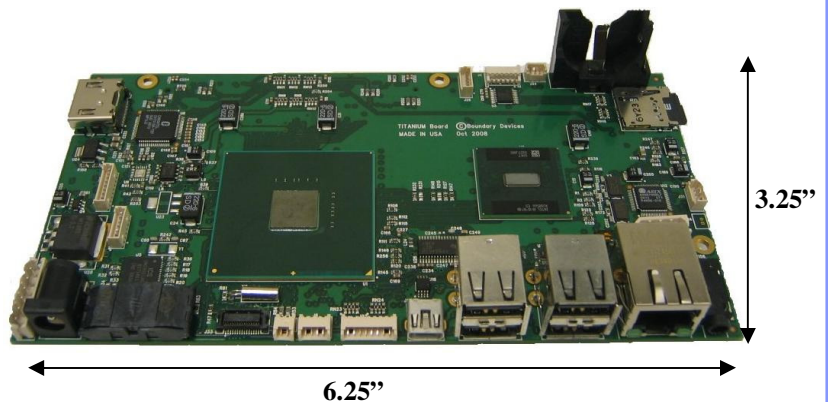
Based on Intel's exciting new ultra low power Atom processor, the Titanium is the first x86 based single board computer (SBC) in the Boundary Devices lineup. The Titanium board consumes less than 5W average total power and, unlike many other Atom boards, the Titanium board is able to boot directly from a MicroSD card. The benefits of its low power and SD card boot design are that heatsinks, fan cooling and traditional hard drives are not needed which improves reliability, lowers cost, reduces size and allows for 'truly embedded' Windows and Linux based OS computing products. While Titanium is a power miser, it does not lack in performance. Available CPU speeds of 1.1 GHz or 1.6 GHz, up to 2GB of 533 MHz DDR RAM and Intel's powerful US15W system controller hub make it a powerful multi-media system.

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
- 1920x1080 Max Video Resolution (1080P HD)
- 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 Linux, Windows XP, Windows Embedded, Windows CE 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 or call us at 602-212-6744.