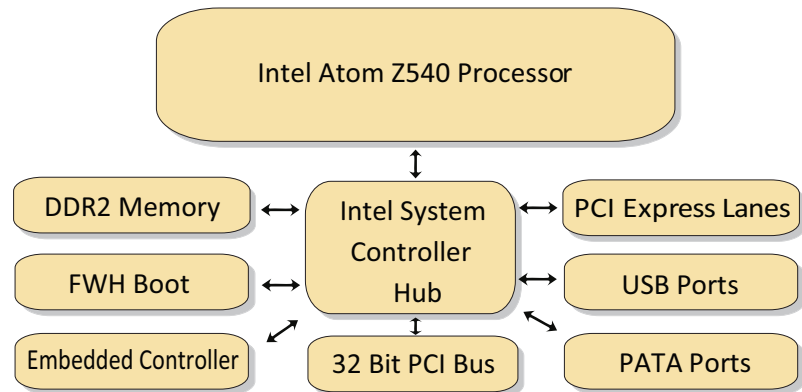


Intel Atom Z540 Processor Board

Low power Intel Atom Z540 Processors are breaking new ground. Power conscious, embedded computing designs can now benefit from the enormous compatibility of Intel IA32 CPU architecture. Orchid Technologies has integrated Atom Z540 Processors into industrial controller applications, vision system applications, communications processors, and handheld devices. Our clients benefit by using industry standard software in their custom applications. Atom Z540 Processors bring truly advanced computing to the embedded product world.



Low power Intel Z540 Processors bring new levels of computing performance to embedded design. Orchid leads the way with customized Z540 design services.



"Atom Z540 outperformed all the other processors that we tried. Orchid provided that special sauce to help us through the custom design process. We love success!!"

- Development Manager

Embedded Controller Design

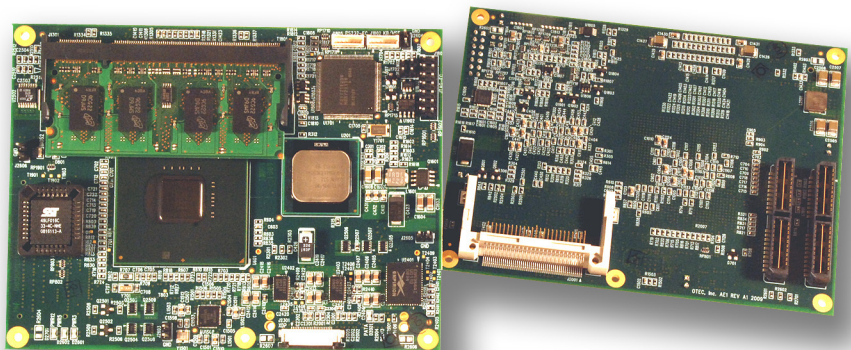
Critical to the success of any custom Atom Z540 Processor board design is the Embedded Controller. Orchid has developed and ported numerous Embedded Controller designs. These designs, based on Renesas 2117 and Renesas 2472 H8S processors offer ACPI, PS2 Keyboard, and Power Sequencing services.

Intel Atom Z540 BIOS Development

Intel Atom Z540 Processors require BIOS software customization and porting. Orchid Technologies can customize a BIOS for your embedded application's specific needs. Working with our BIOS partners, we will port and write firmware for your specific needs.

Orchid Technologies: Z540 Customization

The development of custom electronic products for our OEM clients is Orchid's entire business. The design of high speed computer platforms with rapid design cycles, demanding technical requirements, and unforgiving schedules sets us apart. Call Orchid Technologies today!



ORCHID TECHNOLOGIES
ENGINEERING & CONSULTING, INC.

Custom Engineering From Concept to Production

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