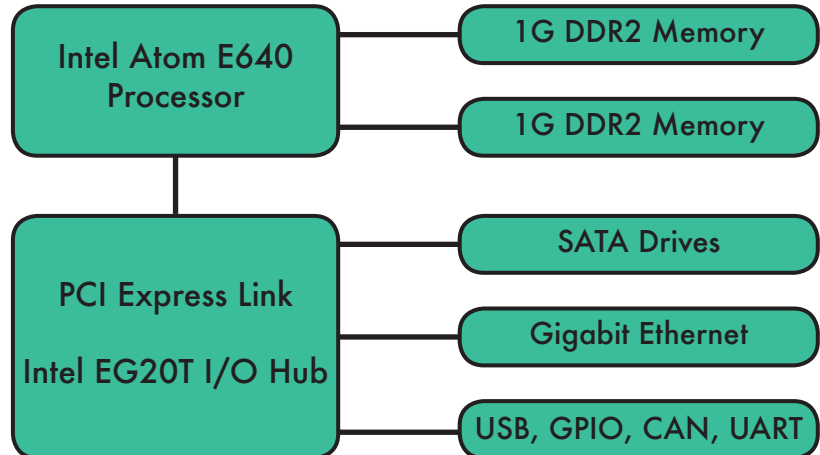


Next generation Intel E640 processors bring new levels of computing performance to embedded design. Orchid leads the way with customized E640 design services.

Intel Atom E640 Processor Board

Next generation low-power Intel Atom E640 processors are here! Power conscious, embedded computing designs can benefit from the enormous compatibility of Intel IA-32 CPU architecture. PCI Express connectivity to Altera FPGA devices complete the flexibility picture. Orchid Technologies has integrated Atom E640 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 E640 Processors bring truly advanced computing to the embedded product world.



Altera Cyclone IV and V FPGA Devices

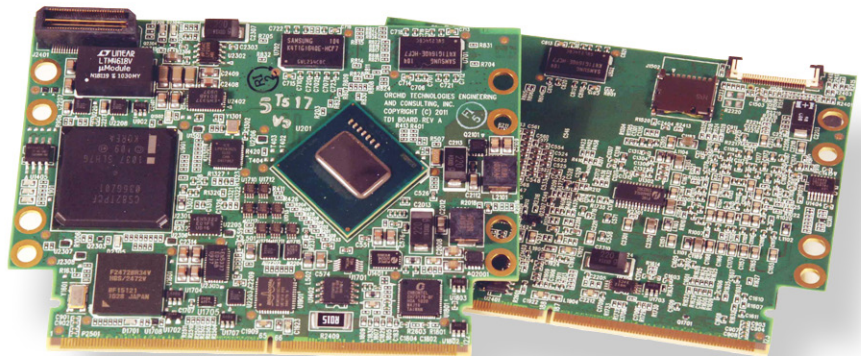
Altera Cyclone IV and Cyclone V FPGA devices offer low cost hard-core PCI Express functionality. Custom I/O subsystems on a single cyclone device are possible. Orchid can provide video, communications, high-speed computing, data acquisition, and motion control for your custom I/O design.

Orchid Technologies: Intel Atom CPU Design

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

"The E640 with Altera FPGA resources makes an incredibly flexible computing platform. Orchid's design worked right from the start!"

- VP Engineering



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Custom Engineering From Concept to Production

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