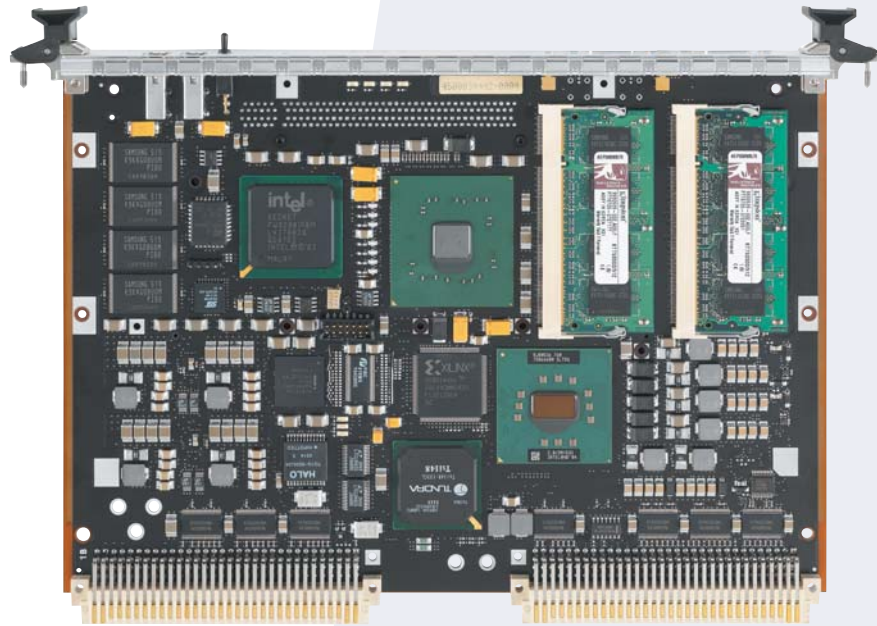


SE0

Single Board Computer

- Pentium M based single board computer
- Intel 'Sonoma' architecture
- Intel 2 GHz "Dothan" Pentium M
- Intel 915GM chipset
- Intel GMA 900 graphics
- Gigabit Ethernet
- VME 320
- Ruggedization levels 1-5



The SE0 is a high performance single board computer based on the Intel 'Sonoma' architecture, delivering state of the art performance to the embedded market.

A 2 GHz 760 Pentium M CPU is connected to the Intel 915GM Northbridge via the 533 MHz front side bus. With up to 1 GByte of DDR2 SDRAM running at 533 MHz, data flow is maximized.

With 10/100/1000 BaseT Ethernet and VME 320 support, the SE0 provides connectivity for integration into the latest system architectures, as well as into legacy systems.

Software support includes Windows XP Embedded, Linux and VxWorks. Each board is shipped with a standard PC BIOS, allowing the operating system of choice to be loaded at boot time.

The SE0 represents a significant boost in performance available to embedded application designers.



Specification

Processor	Intel Pentium M processor 760
Processor Speed	2.0 GHz
Front Side Bus Speed	533 MHz
Processor Secondary Cache	2 MBytes full-speed on-die Level 2 cache
Motherboard Chipset	Mobile Intel 915GM; ICH6-M
Memory Size	1024 MBytes 533MHz DDR2 SDRAM (2 x 512 MBytes)
Flash Disk	4 GBytes embedded IDE Flash disk
Audio	N/A
Network	10/100/1000 Gigabit Ethernet
Serial COMs Ports	2x RS232
Video Controller	Intel GMA 900
Graphics	1600x1200 @ 60 Hz resolution, 32-bit color SXGA
USB ports	2x USB 2
Keyboard & Mouse	PS2
VME	6U VME 320; 2x VME and 2eSST protocols; peak transfer rate of 320 MBytes/sec; backwards compatibility with VME64X
Operating System Support*	Microsoft Windows XP Embedded; Linux; VxWorks

* contact Radstone for availability & licensing

