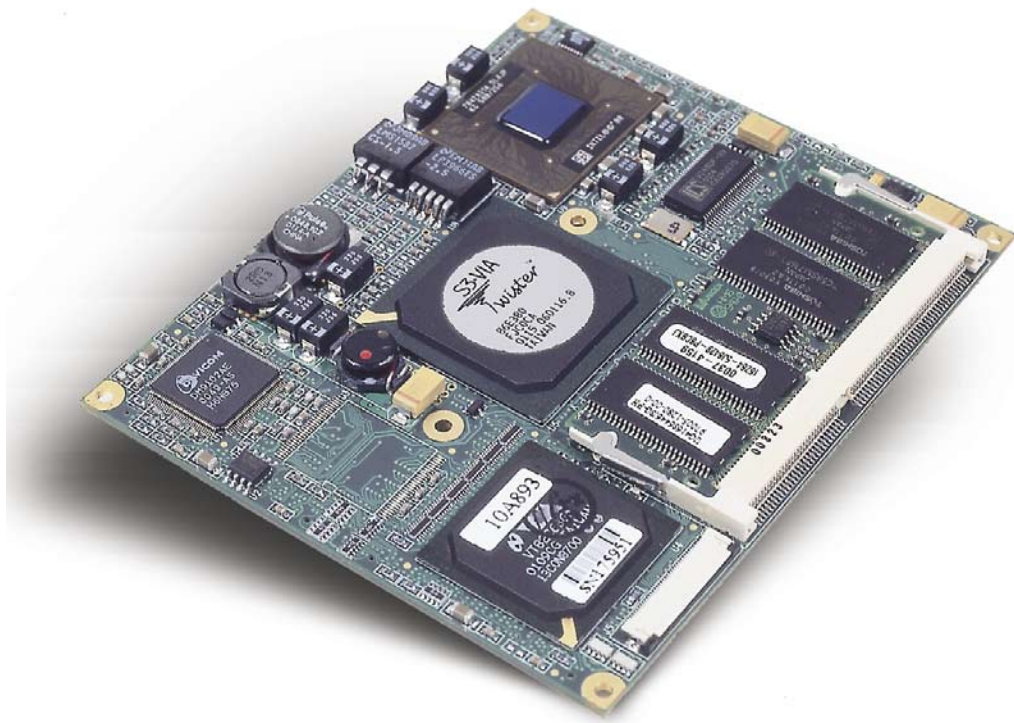


➤ ETX-P3E



➤ Embedded Technology eXtended

- reduced power consumption
- highly integrated
- scalable and interchangeable

Product Overview

The new **ETX-P3E** component SBC module supports Intel® Mobile Pentium® III and Celeron™ processors (300/ 400/ 500/ 700 MHz) processor. Reduced power consumption is achieved using both ACPI and APM 1.2 for power management. With the VIA VT8603/ VT82C686A as the core chip set, the **ETX-P3E** provides both S3 Savage 4 graphics and VIA enhanced audio. In addition to standard ETX features, the **ETX-P3E** supports four USB ports, up to 512MB SDRAM, 10/ 100Base-T Ethernet, keyboard/ mouse controllers, real-time clock, and watchdog timer.

ETX modules are like components, plugging in to an application-specific baseboard. The ETX modules supply the core CPU and memory sub-systems together with sound, SVGA, Ethernet and standard PC I/O. They connect to the rest of the embedded system through high-density, low profile, surface-mount connectors, which carry both ISA and PCI bus signals as well as dedicated I/O interfaces. The mechanics of the interconnection is such that an ETX/ baseboard combination is virtually the same as height a one-board solution. ETX modules are scaleable and interchangeable, and they make possible the rapid development of semi-custom solutions for embedded applications.

...always a Jump ahead!

Technical Data

- **CPU:** Intel® Mobile Pentium® III or Celeron™ Processor 300/ 500/ 700 MHz, 1000 MHz Bus
- **DRAM:** One SO-DIMM socket, 512 MByte max. PC100/ PC133
- **Cache:** 256K/ 128 kByte second level
- **Harddisk:** Two enhanced IDE ports
- **Sound:** SoundBlaster™ compatible AC97 based audio, Line-level input/ output via ETX header
Microphone input from ETX header
- **UMA Savage 4 (VT8603C) AGP Video Controller:** LVDS Flatpanel and CRT output
Up to 32 MByte UMA Video RAM
- **Resolutions CRT:** VGA 640x480 32 Bit
SVGA 800x600 32 Bit
XGA 1024x786 32 Bit
SXGA 1280x1024 32 Bit
UXGA 1600x1200 32 Bit
- **Resolutions LCD:** VGA 640x480 18 Bit
SVGA 800x600 18 Bit
XGA 1024x786 18 Bit
SXGA 1280x1024 18 Bit
- **LCD Panel Support:** Dual Channel LVDS 110 MHz
- **Serial Interfaces:** 2 x TTL (16550 compatible)
IrDA support
- **Enhanced Parallel Port:** shared with Floppy
- **Floppy Port:** shared with LPT
- **Ethernet:** 10/ 100Base-T Davicom DM9102A
- **4 x USB ports**
- **Expansions:** ETX Interface
- **Dimensions:** 95 x 114 (3.7x4.5")
- **Power Consumption:** 14W typical
- **Temperature** operation: 0° to 60°C
storage: -55° to 125°C
- **Humidity** operation: 10% to 90%
storage: 5% to 95%
(non condensing)

Article	Part.-No.	Description
ETX-P3E/700	18005-0000-70-0	Enhanced Intel® Pentium® III, 700 MHz, Ethernet
ETX-P3E/500	18005-0000-50-0	Enhanced Intel® Pentium® III, 500 MHz, Ethernet
ETX-C3E/300	18005-0000-30-1	Enhanced Intel® Celeron™, 300 MHz, Ethernet
ETXeval	18010-0000-00-0	ATX Baseboard for ETX modules
SDRAM-SODIMM-64M	97005-6400-00-0	SDRAM SODIMM memory module with 64 MByte
SDRAM-SODIMM-128M	97005-1280-00-0	SDRAM SODIMM memory module with 128 MByte
SDRAM-SODIMM-256M	97005-2560-00-0	SDRAM SODIMM memory module with 256 MByte
SDRAM-SODIMM-512M	97005-5120-00-0	SDRAM SODIMM memory module with 512 MByte

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