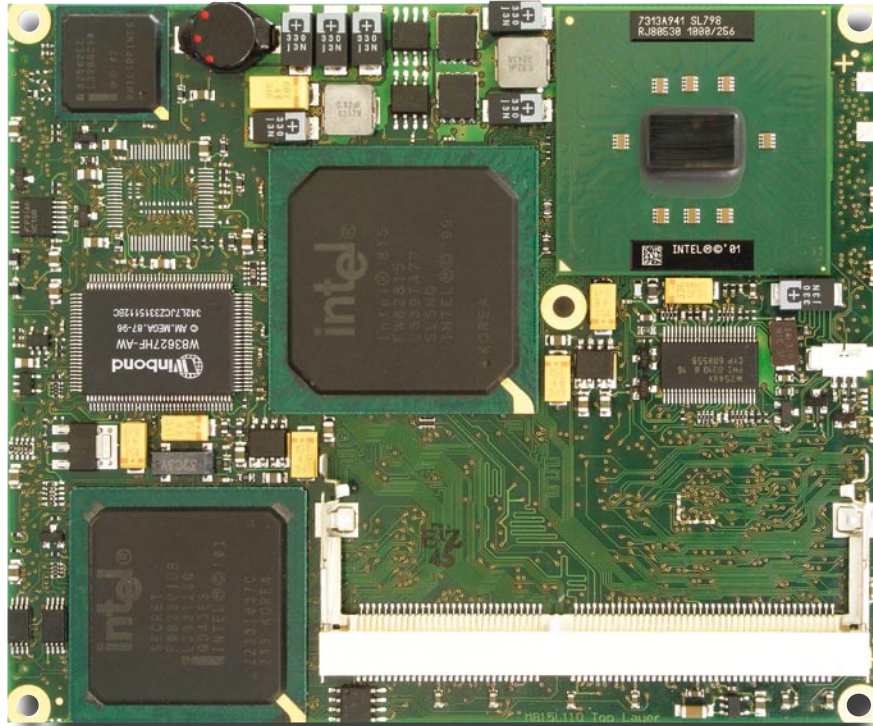


➤ ETX[®]-P3T



original size



- Embedded Technology eXtended
- Powered by Intel[®] Celeron[®] Processors from ULV 400 MHz up to 733 MHz
- Low power consumption
- Four USB 2.0 ports
- Excellent price/performance ratio

Product Overview

The ETX®-P3T module is using the Intel® i815E chip-set and powerful Intel® Celeron® Processors. Improved power management is achieved using both ACPI/APM 1.2 allowing for fanless-cooling and extended battery life. In addition to standard ETX® features, the ETX®-P3T supports four USB 2.0 ports, DVO option instead of LVDS, up to 512MByte SDRAM, 10/100 Base-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 subsystems together with sound, SXGA, 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 in height as a one-board solution. ETX® modules are scalable and interchangeable, and they make possible the rapid development of semi-custom solutions for embedded applications.

Technical Information

Processor
ETX®-P3T 4000 - ULV Intel® Celeron® processor with 400 MHz
ETX®-P3T 7330 - LV Intel® Celeron® processor with 733 MHz
SDRAM
up to 512 Mbyte on board
Video Controller
Intel 82815 with integrated Graphics Core (BGA544)
Harddisk
2x IDE ports with support for ATA 33
USB
4x USB 2.0 ports
Ethernet
10/100 Mbit Base-T
Sound
Audio AC97 Code VIA
Graphik CRT and LVDS flatpanel output
DVO option instead of LVDS
LVDS supported up to SXGA 1280x1024

Serial Interfaces
2x TTL (16550 compatible)
PS/2
mouse and keyboard
Parallel Port
shared with Floppy
Floppy Interface
shared with LPT
Other Features
E²PROM BIOS Setup, JRC support, RTC, Watchdog, JIDA Support, IrDA enhanced
Power Supply
5V
Dimensions
95 x 114mm
Temperature (*)
operation: 0° to 60°C, storage: -40° to 85°C
Humidity
operation: 5% to 90%, storage: 5% to 95% (non condensing)

(*) Ask about wider temperature ranges

Ordering Information

Article	Part.-No.	Description
ETX®-P3T 4000	18020-0000-40-1	Ultra Low Voltage Intel® Celeron® processor with 256 kByte L2 Cache and 400 MHz
ETX®-P3T 7330	18020-0000-73-1	Low Voltage Intel® Celeron® processor with 256 kByte L2 Cache and 733 MHz
ETX®-P3T HSP	18020-0000-99-0	Heatspreader ETX®-P3T HSP threaded stand off
ETX®-P3T HSP	18020-0000-99-1	Heatspreader ETX®-P3T HSP through hole stand off

Corporate Offices

Europe, Middle East & Africa

Kontron AG
Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
sales@kontron.com

North America

Kontron America Corporate Office
14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
sales@us.kontron.com

Asia Pacific

Kontron Asia Inc.
4F, No. 415, Ti-Ding Blvd.
Sec.2, NeiHu District
Taipei Taiwan 114
Tel.: +886-2-2799-2789
Fax: +886-2-2799-7399
sales@kontron.com.tw

Kontron Embedded Modules

Brunnwiesenstr. 16
94469 Deggendorf
Germany
Tel.: +49 (0)991/ 370 24-100
Fax: +49 (0)991/ 370 24-333
sales@kontron.com