Embedded Computing Design Resource Guide 2006

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ITX-i7435

ARBOR Mini-ITX motherboard has become the most popular platform for gaming machines due to its compact size without compromising on performance.

ITX-i7435 is based on the Intel® 915GM and Intel® ICH6M. It supports Intel® Pentium® M Dothan Socket 478 CPU up to 2.2 GHz, Intel® Low Voltage Pentium® M Dothan 1.4 GHz CPU onboard and Intel® Ultra Low Voltage Celeron® M 1 GHZ CPU onboard. Both chipset and processor are parts of Embedded Intel® Architecture (IA) that warrants long production life for applications that need extended availability. Integrated with the Intel® 915GM Graphics Media Accelerator (GMA) 900, ITX-i7345 delivers better graphics performance over the previous generation chipset and features dual display from two independent video sources.





FEATURES:

- Support Intel Pentium M Socket 478 up to 2.26 GHz (FSB 400/533 MHz)
- Support PCI Express x16 expansion slot
- Support dual-channel DDRII SDRAM DIMM socket up to 2 GB
- Support dual display (independent display, 18/36-bit LVDS, DVI, and TV-out)
- Support two Serial ATA ports and eight USB 2.0 ports
- Dual Intel PCI Express Giga LAN