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## PCM-9150



Intel® Pentium® M or Celeron® M Series Processors

36/18-bit LVDS TFT Panels

Two DDRII 400/533 SODIMM Modules Up to 2GB

Dual PCI-Express Gigabit LAN

5.1 CH AC-97 2.3 Codec with S/P DIF Function

One Mini PCI Socket and PCI Slot For Expansion

4 USB 2.0 and 4 COMs

GPIO Digital I/O

The PCM-9150 is EMAC'S latest low power consumption solution featuring Intel® innovation. It adopts Intel's® latest chipset - the Mobile Intel ® 915GM Express Chipset, which has been validated with Intel® Pentium® M CPUs and the new PCI-Express interface. Therefore the PCM-9150's peripheral transmission speed has been greatly enhanced, especially on multi-port Gigabit LAN applications. For these kinds of applications, PCM-9150 has 2 Gigabit LAN ports onboard to satisfy high traffic firewall and small data server demands. The Great Performance on Multimedia ApplicationsFor multimedia applications, the Mobile Intel ® 915GM Express Chipset has the Intel® Graphics media Accelerator (GMA900) function built into the chipset. The high-end graphic capability of the PCM-9150 is ideal for KIOSK, Advertisement, Gaming and Information display applications. Versatile Dual-View CombinationsBesides LCD support, PCM-9150 also allows developers to show different content on CRT, LCD, DVI or TV at the same time. It meets dual view demands as the most costeffective display solution.A Wide Range of Expansion InterfacesPCM-9150 promises you off-the-shelf expansion possibilities with versatile expansion interfaces-Mini PCI, PCI, and PCI-Express x1. By adopting versatile Mini PCI modules, you can extend your onboard features such as adding a third LAN port, eight COM port, or a IEEE 1394 port. This is in addition to the on-board PCI slot. Specifications EOI Single Board Computers Processor Processor. 479 Intel Celeron/Pentium M Clock Speed: 2.13 GHz Real Time Clock: Processor Misc.: Chipset: Intel® 915GM + ICH6M Memory Bios/ booiloader: Award Plug & Play BIOS - 512KB ROM Primary Flash: 1x CompactFlash<sup>TM</sup> card Type I/II Primary I/O 8x GPIO Disk Interface: 1x FDD 1x EIDE (Ultra DMA 100) Audio: 5.1 CH AC97 2.3 (Mic-in/Line-in/Line-out/CD-in) Ethernet: IEEE 802.3z/ab 1000 Base-T Gigabit Ethernet compatible Marvell 88E8053 USB: 4x USB 1.1/2.0 compliant Serial Ports: 3x RS-232 1x RS-232/422/485 Watchdog: Primary I/O Misc.: I/O Chipset: ITE8712 + Fintek F81216D IR port: One IrDA tx/rx header Serial ATA: 2 Channels of SATA 150

Parallel Port: 1 Parallel Port supports SPP/EPP/ECP mode

## SVGA / Flat Panel Interface

Video Chipset: Intel® 915GM + Chrontel 7307C

Display memory: Shared system memory up to 128MB with DVMT

Display type: VGA, LVDS

Resolution:

- ° CRT Modes: up to 1600 x 1200 @ 36bpp colors
- LCD/LVDS Modes: up to 1280 x 1024 @ 24bpp colors

TV-out: Supports NTSC and PAL standard, S-Terminal and Composite Video

Ll Secondary I/O Keypad: PS/2: Analog on  $A_{\nu}$ . D/A: Dimensions  $8 \times 5.75$  in Weight: 0.5 kg Form Factor: Full EBX Power Requirements 5 V Power Misc.: Power Management: APM 1.2, ACPI support Environmental Low Operating Temperature: 0 C High Operating Temperature: 60 C Upper Operating Humidity: 90% Pricing PCIVI-7150-0 Socket 479 Pentium-M/Celeron-M SBC W/GIG LAN \$0.00 Wiring Kits: PCM-A008 Installation Wiring Kit \$0.00

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