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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 cost-effective 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
ECT 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 Biograpouloader:
Award Plug & Play BIOS - 512KB ROM
Primary Flash:
1x CompactFlash TM card Type I/II
Primary I/O Gr 10.
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:

TV-out: Supports NTSC and PAL standard, S-Terminal and Composite Video
Secondary I/O
Keypad:
PS/2:
Analog on A. D.
D/A:
Dimensions Dimensions.
8×5.75 in
Weight:
$0.5~\mathrm{kg}$
Form Factor:
Full EBX
Power Requirements Voltage.
5 V
Power Misc.:
Power Management: APM 1.2, ACPI support
Environmental
Environmental Low Operating Temperature:
0 C
High Operating Temperature:
60 C
Upper Operating Humidity:
90%
Pricing
Socket 479 Pentium-M/Celeron-M SBC W/GIG LAN
\$0.00 Wining Kita
Wiring Kits: PCM-A008
Installation Wiring Kit
\$0.00
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 $\circ~$ CRT Modes: up to 1600 x 1200 @ 36bpp colors

 $\circ\,$ LCD/LVDS Modes: up to 1280 x 1024 @ 24bpp colors