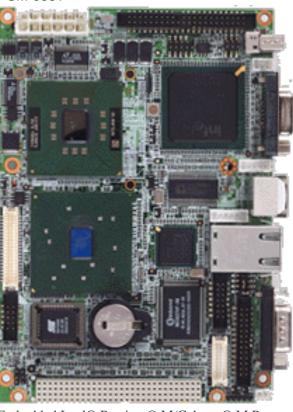


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PCM-9381



Embedded Intel® Pentium® M/Celeron® M Processor

Supports ECC DDR memory

Supports 2 channel 36 bits LVDS LCD display

Supports 3 x USB 2.0 ports

Supports Intel® SpeedStepping (GV3) Technology

Supports +5 V and +12 V power; or single +5 V power

The PCM-9381 is centered on a powerful Intel® Pentium® M or Celeron® M processor that supports enhanced Intel "SpeedStep" technology and uses Intel's 855GME chipset. This chipset is ideal for embedded computing and provide an optimized on-board integrated graphics solution. "SpeedStep" technology intelligently focuses system power where the CPU needs it and automatically regulates power usage to minimize power consumption. The PCM-9381's design is based on the small Half-EBX form factor and provides support for PCI-104+ module expansion. The Half-EBX form factor also provides a convenient connector layout for easy assembly, more efficient cable connections, and better overall embedded system integration. This compact unit (only 5.7" x 4") offers all the functions of a single board industrial computer, but still fits in the space of a 3.5" Hard drive.On-board features include: two serial ports, one multi-mode parallel (ECP/EPP/SPP) port, three USB (Universal Serial Bus) 1.1/2.0 ports, an Ethernet port, and a PS/2 keyboard/mouse interface. The built-in high-speed PCI IDE controller supports both PIO and UDMA/100 bus master modes. Up to two IDE devices can be connected, including large hard dieles CD-ROM drives, and tape backup drives. Sbe Type.

EOT Single Board Computers

Processor

Embedded Pentium M or Celeron M Real Time Clock: Processor Misc.: L2 Cache: Integrated on CPU (512 KB ~ 2MB) Chipset: Intel 855GME GMCH Memory Bios/ Bootloader: AWARD® 4 Mbit Primary Flash: 1x CompactFlashTM socket supports Type II CompactFlashTM Cards (CFC) Primary I/O 4x GPIO Disk Interface: 1x EIDE (UDMA 100) supporting 2x IDE devices Audio: AC'97 (Line-in/Line-out/Mic-in) Ethernet: Intel 82551ER 802.3u 10/100 Base-T RJ45 connector USB: 3x USB 2.0 Serial Ports: 1x RS-232 1x RS-232/422/485 Watchdog: Primary I/O Misc.: Parallel Port: Supports SPP, EPP, and ECP modes VGA/Flat-Panel Interface Chipset: Intel 855GME/GMCH Video Memory: Supports up to 64 MB (shared) memory Display Type: Flat Panel and CRT displays Resolution: Up to 1600 x 1200 @ 85 Hz LVDS Interface: Supports 2 channel (36-bit) LVDS LCD Panel Dual Display: Dual Independent Display: CRT + LVDS Secondary I/O Keypad: PS/2: A_{\prime} Analog on

Dimensions

D/A:

Weight:
$0.85~\mathrm{kg}$
Form Factor:
Half EBX
Power Requirements Typical Current.
3 A
Typical Voltage:
5 V
Max Boot Current:
4.3 A
Power Misc.:
Power Management APM 1.2, ACPI supported
Power Requirements: AT/ATX
Environmental Low Operating Temperature:
0 C
High Operating Temperature:
60 C
Pricing PC1v1-2001F
Pentium M SBC W/Video, 10/100 LAN, no CPU
\$0.00
Parent Product:
PCM-9381F-M
Celeron M 600 SBC W/Video 10/100 LAN
\$0.00
Parent Product:
PCM-9381F-S
Pentium M 1.0G SBC W/Video 10/100 LAN
\$0.00
Parent Product:
I alciit i foduct.
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Dimensions: 5.7×4 in