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## PCI-6886



Embedded Fanless Intel Celeron M 600 MHz Processor

Supports 400 MHz Front Side Bus

Supports 200 MHz & 266MHz DDR SDRAM

Supports of to 1000Base-T Ethernet on board

Supports up to 2 Channel 36 bits LVDS for LCD

Provides both Analog VGA and DVI

Supports 4 x USB 2.0 ports

The PCI-6886 is centered on a powerful Intel Celeron® M processor that supports enhanced Intel "SpeedStep" technology and uses Intel's 852GM 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 PCI-6886's design is based on the small Half-Size PCI Card form factor and provides support for PCI Card expansion through the use of a passive PCI backplane. EMAC can provide backplanes and enclosures for the PCI-6886. On-board features include: four serial ports, one multi-mode parallel (ECP/EPP/SPP) port, four 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 four IDE devices can be connected, including large hard disks, CD-ROM drives, and tape backup drives.

Specifications

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EOT Single Board Computers
Processor
Processor.

Embedded Fanless Intel Celeron M
Clock Speed:
600 MHz
Real Time Clock:
Processor Misc.:
Chipset: Intel 852GM/GMCH + 6300ESB
Memory Biost Bootloader:
AWARD 4Mbit Flash BIOS
Primary Flash:
1x CompactFlash <sup>TM</sup> card Type I/II
Primary I/O
Grimary I/O
8x GPIO
Disk Interface:
1x FDD
2x EIDE support for 4 Devices
Audio:
AC97 (line-in/Line-out/Mic-in)
Ethernet:
IEEE 802.3U/ 802.3z/ab 100/1000 Base-T RJ-45 82551ER
Serial Ports:
3x RS-232
1x RS-232/422/485
Watchdog:
Secondary I/O
Keypad: PS/2:
r5/2.
Analog on A. D.
D/A:
D/11.
Dimensions Difficultions.
$7.3 \times 4.8 \text{ in}$
Weight:
0.27 kg
Form Factor:
Half Size PCI Card
Power Paguiraments
Power Requirements Voltage.
5 V
Typical Current:
1.9 A
Typical Voltage:
5 V
Max Boot Current:
2.5 A
Power Misc.:
Power Management:

Environmental	
Pricing A-00001 <sup>7</sup> -M	
leron M 600 MHZ PCI Slot CARD 100 Base-T	
.00	
rent Product:	
I-6886FG-M	
leron M 600 MHZ PCI Card W/ 1000 Base-T	
.00	
rent Product:	

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APM 1.2, ACPI support