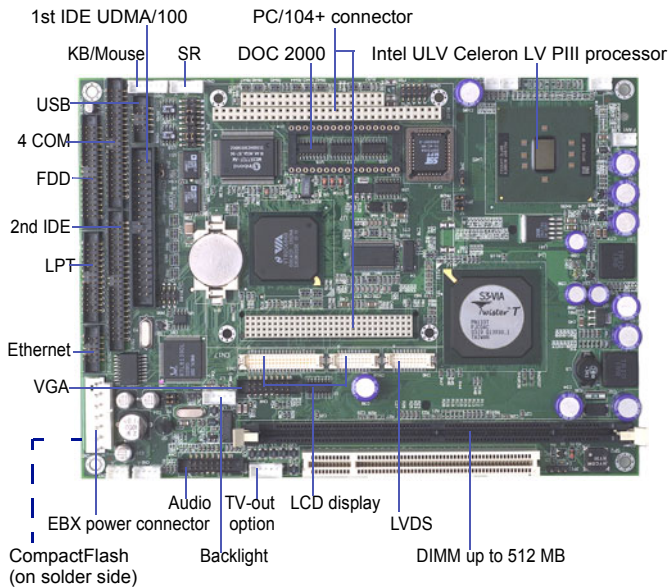


PCM-9579



Intel® ULV Celeron™ SBC with CPU, Audio, VGA/LCD and Ethernet



Features

- Embedded Intel® ULV Celeron™ / ULV Pentium® III Processor
- Fanless, 0 ~ 60°C operation (PCM-9579F-J0A1 or PCM-9579F-M0A1)
- Applied EBX form factor standard and supports PC/104+ bus
- Supports wake on LAN, modem
- Supports LCD backlight turn-off function
- 100/133 MHz FSB and 4X AGP graphics for high performance applications

System

CPU	Embedded Intel® Ultra Low Voltage Celeron™ or Low Voltage Pentium® III Processor, on die 32KB L1 cache memory ULV Celeron-400 (PCM-9579F-J0A1), ULV Celeron-650 (PCM-9579F-M0A1), LV Pentium III-933 (PCM-9579F-R0A1)
System Memory	SDRAM 168-pin PC/100 or 133 DIMM x 1, Max: 512MB
2nd Cache Memory	256KB/512KB on the Celeron/Pentium III processor
System Chipset	VIA PN133T (VT8606, VT82C686B), 133MHz FSB
BIOS	AWARD 256 KB Flash BIOS
SSD	CompactFlash™ card Type I/II and DiskOnChip/Æ
Watchdog Timer	1 - 62 sec, 62 level timer intervals, system reset or IRQ11
Expansion Interface	PC/104+(ISA & PCI) and PCI slot
Battery	Lithium 3 V/196 mAh

I/O

MIO	2 x EIDE (Ultra DMA100), 1 x FDD, 1 x K/B, 1 x Mouse, 1 x RS-232/422/485, 3 x RS-232, 1 x LPT
IrDA	115 Kbps, IrDA 1.1 compliant
Audio	VIA 82C686 support AC'97 2.0 compliant, Mic in, Line in, CD Audio in, Line out, Speaker out
USB	2 USB ports, Optional 4 USB ports, USB 1.1 compliant

Ethernet

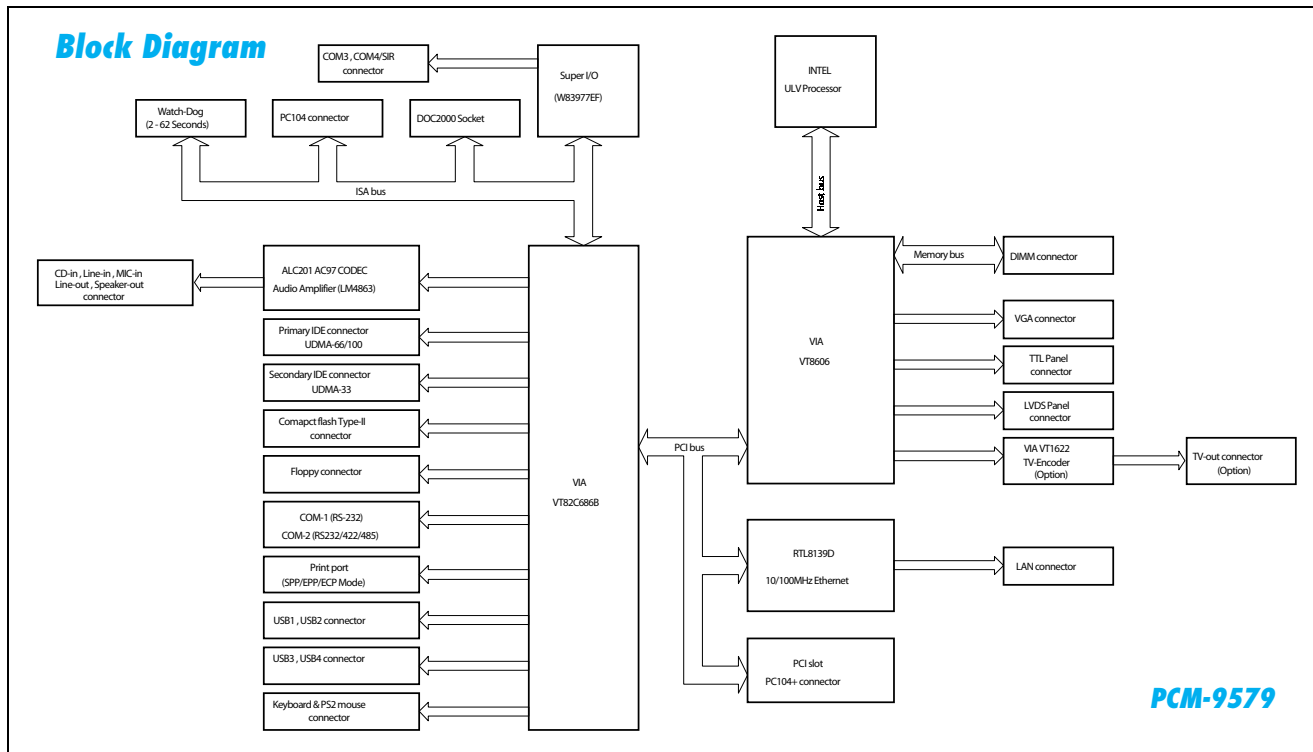
Chipset	RealTek RTL8139C
Ethernet Interface	IEEE 802.3u 100 BASE-T Fast Ethernet compatible Built-in boot ROM in Flash BIOS

Display

Chipset	VIA Twister chip with Integrated S3 Savage4 2D/3D/Video Accelerator
Memory Size	8/16/ 32 MB frame buffer using system memory
Resolution	CRT Mode:1280 x 1024@16 bpp (60 Hz), 1024 x 768@16 bpp (85 Hz), LCD/Simultaneous Mode:1280 x1024@16 bpp (60 Hz), 1024 x 768@16 bpp (60 Hz)
LCD Interface	4x AGP VGA/LCD interface, Support for 9, 12, 18, 24, 36-bit TFT and 16 or 24-bit DSTN panels up to SXGA resolution.
LVDS	2-Channel (2 x 18-bit) LVDS interface
TV-out	Supports both NTSC/PAL, S-video and Composite Video

Mechanical and Environment

Dimensions (LxW)	203 X 146mm (8" x 5.75")
Power Supply Voltage	+5V+/-5%.
Power Requirements	Max.: 4.5A @ +5V (with 256MB, ULV Celeron-650) Typical: 2.99A @ +5V (with 256 MB DRAM, ULV Celeron-400 CPU) 3.29A @ +5V (with 256 MB DRAM, ULV Celeron-650 CPU)
Operating Temperature	0~60° C (32~140° F)
Operating Humidity	0%~90% relative humidity, non-condensing
Weight	0.85 kg (weight of total package)



Packing List

- 1 PCM-9579 SBC
- 1 Mini Jumper pack [conts.: 10pcs] (p/n: 9689000002)
- Start-up manual
- Utility CD
- EBX 7P-4P power cable (p/n: 1703080101)

Ordering Information

Standard	
PCM-9579F-J0A1	EBX ULV Celeron™ SBC W/ 400 MHz CPU, VGA/LCD, LVDS, Ethernet, Audio, SDD
PCM-9579F-M0A1	Same as PCM-9579F-J0A1, but with ULV Celeron-650 CPU
PCM-9579F-R0A1	Same as PCM-9579F-J0A1, but with JV Pentium® III-933 CPU
Optional	
PCM-10586-5A00	Wiring kit for PCM-9575/9577/9579
1703100260	USB cable for PCM-9572F/9576F/9550F/9575
1703100121	USB cable for PCM-9570/9550/9576/9575 to meet MBPC-300 chassis
CF-HDD-ADP	CompactFlash® 50-pin to IDE 44-pin adapter
1703070101	ATX power control cable
1703050306	TV-out cable