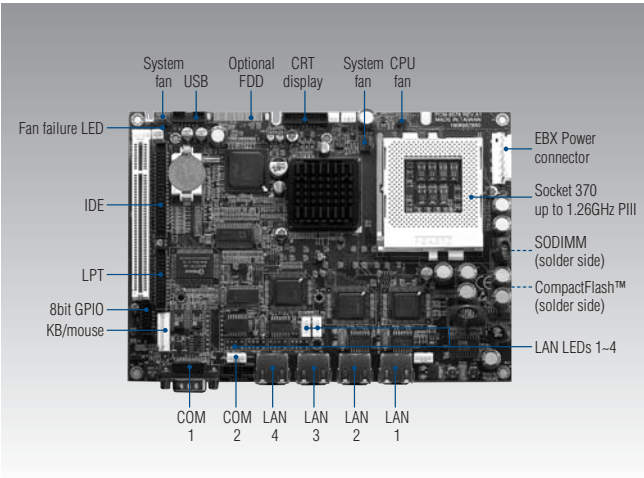


PCM-9578

Socket 370 SBC with 4 Ethernet,
VGA, 2 COMs

- 1 System on Module Solutions
- 2 Single Board Computers and Accessories
- 3 PC/104 Modules
- 4 Slot CPU Cards and Accessories
- 5 AIMB/POS Control Boards

- 6 Internet Security Platforms
- 7 Embedded Software
- 8 Appx



Intel Applied Computing Platform Provider **CE FCC**

Specifications

- **CPU** Socket 370 for FC-PGA & FC-PGA2 Intel® Celeron®/ Pentium® III/512K (Tualatin) up to 1.26 GHz
 - **System Memory** SDRAM PC133 144-pin SODIMM x 1, Max. 512 MB
 - **2nd Cache Memory** 128 KB on the Celeron® processor, 256/512 KB on the Pentium® III CPU
 - **System Chipset** Intel® 815E chipset, 82815 GMCH and 82801BA ICH2, 133 MHz FSB
 - **BIOS** Award 512KB Flash BIOS
 - **SSD** Supports CompactFlash™ card Type I/II
 - **WatchdogTimer** N/A
 - **Expansion Interface** 1 x PCI slot
 - **Battery** Lithium 3 V/196 mA
- I/O**
- **MIO** 1 x EIDE (Ultra DMA33), 1 x FDD (optional), 1 x K/B, 1 x Mouse, 1 x LPT, 2 x RS-232
 - **GPIO** 8-bit General Purpose programmable I/O
 - **IrDA** N/A
 - **USB** 2 USB host ports, USB 1.1 compliant

Features

- Socket 370 supports up to Pentium® III/512K 1.26 GHz
- Supports 3 or 4 Ethernet connections for networked communication platforms
- Optional LAN 3, LAN 4 bypass function
- 8 GPIO for LAN control LED indicators
- Supports fan fail detect function
- Supports redirection function to control console via serial port

Ethernet

- **Chipset** Intel® 82559ER x 3 Intel® 82562 + 82559ER x 3, (PCM-9578F-04A1), Optional Intel® 82559 x 3 or RTL 8139C x 3, Intel 82559ER x 3 (PCM-9578F-03A1)
- **Ethernet Interface** Three or four PCI IEEE 802.3u 100BASE-T Ethernet, Built-in Boot ROM in Flash BIOS (optional for 82559 and 8139C)

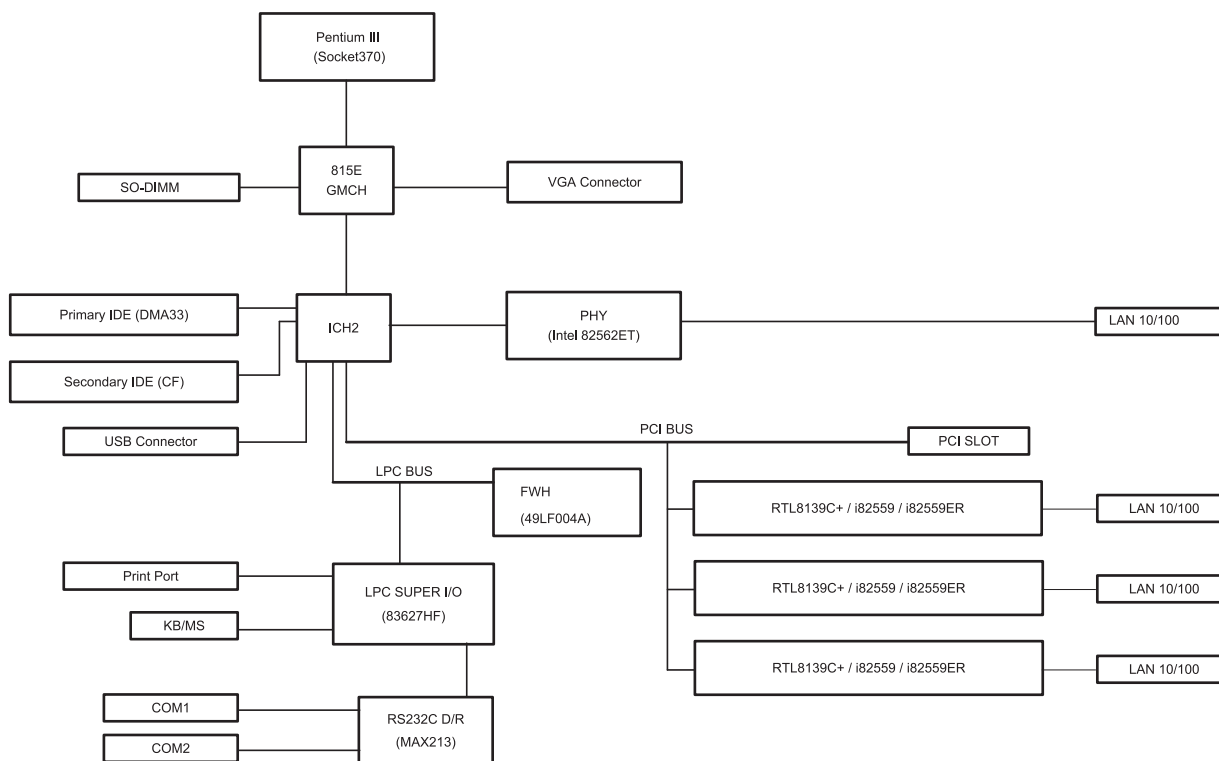
Display

- **Chipset** Intel® 82815 GMCH
- **Memory Size** Shared with system memory 32 MB/64 MB
- **Resolution** CRT Mode: 1600 x 1200@85Hz (75 Hz), 1280 x 1024@24 bpps (85 Hz)
- **LCD Interface** Supports AGP 2.0 including 4 X AGP data transfers
- **TV-out** N/A

Mechanical and Environmental

- **Dimensions (L x W)** 203 X 146 mm (8" x 5.75")
- **Power supply Voltage** +5 V ± 5%
- **Power requirements** Max. : 10 A @ +5 V
Typical: 7.6 A @ +5 V (with 256 MB DRAM, Intel® Pentium® III 1.26 GHz)
- **Operating temperature** 0 ~ 60° C (32 ~ 140° F)
- **Operating Humidity** 0 ~ 90% Relative Humidity, non condensing
- **Weight** 0.85 kg (weight of total package)

Board Diagram



Packing List

- 1 PCM-9578 single board computer
- Startup manual
- Utility CD
- 1 Mini Jumper pack [count.: 10 pcs] (p/n: 9689000002)
- EBX 7P-4P power cable (p/n: 1703080101)

Ordering Information

Standard

- **PCM-9578F-04A1** Socket 370 SBC W/ 4 LANs, 2 COMs, 8 GPIOs, VGA
- **PCM-9578F-03A1** Same as PCM-9578F-04A1, but with 3 Ethernet

Optional

- **PCM-10586-5E00** Wiring kit for PCM-9578F
- **1759209100** CPU fan with heatsink supports up to Pentium® III 1.26 GHz
- **1703100260** USB cable for PCM-9570/9572F/9574/9576F/9550F/9575
- **CF-HDD-ADP** CompactFlash™ 50-pin to IDE 44-pin adapter
- **1703070101** ATX power control cable