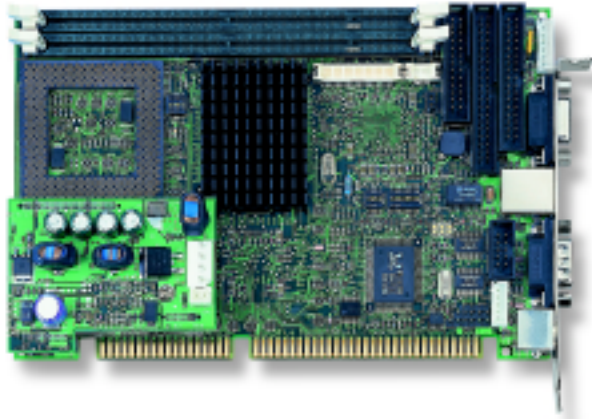




# PCA-6551

## Socket 370 FC-PGA Pentium® III Half-size SBC with VGA/LAN



- Socket 370, Pentium® III
- 440BX, 100 MHz FSB
- VGA / LAN

### Coppermine-base Processor

Coppermine is an improved Pentium® III-processor which is a “one-chip” solution providing 256 KB of integrated, on-die second level L2 cache. The Coppermine requires less power, thus it is perfect for mobile computing, where power consumption is very important.

#### Ordering Information

#### PCA-6551VE

Intel Socket 370 Pentium® III (Coppermine) processor-based Half-size CPU Card with VGA/LAN

#### Specifications

<b>CPU</b>	Intel FC-PGA Pentium® III processors (Coppermine) up to 700 MHz, Celeron™ up to 533 MHz (and higher speeds in the future)
<b>2<sup>nd</sup> level cache</b>	128/256 KB on-CPU cache
<b>Chipset</b>	Intel 82440BX, 66/100 MHz FSB
<b>BIOS</b>	Award Flash BIOS 2 M-bit (CMOS auto backup and restore )
<b>RAM</b>	Up to 512 MB SDRAM in two available 168-pin DIMM sockets, supports ECC
<b>LAN Controller</b>	RealTek RTL8139B Support 10/100Base-T Ethernet
<b>VGA Controller</b>	C & T 69000 On-chip 2 MB SGRAM
<b>On-board I/O</b>	2 x RS-232 ports with 16C550 compatible UARTs, up to 115.2 Kbps 1 x SPP/EPP/ECP Parallel Port 1 x FDDs 2 x USBs, 1x PS/2
<b>PCI enhanced IDE (Ultra DMA/33)</b>	2 x IDE HDDs with PIO Mode 4 and Ultra DMA/33
<b>SSD</b>	Support M-systems' DOC® 2000 Flash disk up to 144 MB
<b>Watchdog timer</b>	1, 2, 4, 8, 16, 32, 64 seconds, programmable
<b>Operating temperature</b>	0 ~ 60°C ( 32 ~ 140°F )
<b>Power Voltage</b>	+5 V, ±12 V
<b>Board size</b>	185 x 122 mm (13.3" x 4.8")

