

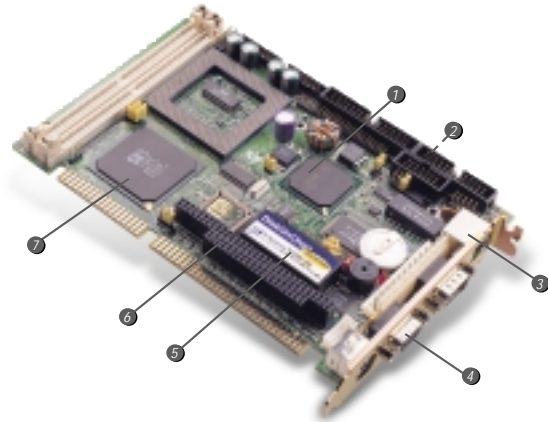


# SBC-556/L

Socket 7 Half-size CPU Card

with LCD, Ethernet, & SSD

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|--|--------------------------|
| 1 C&T 69000 Flat Panel/CRT VGA Controller                          | 4 CRT Connector          |
| 2 10/100Base-T Fast Ethernet Controller (on the back of the board) | 5 Socket for DiskOnChip® |
| 3 10/100Base-T RJ-45 Connector (SBC-556 only)                      | 6 PC/104 Connector       |
|  | 7 SIS 5582 Chipset       |



## Features

- Supports Intel® Pentium® MMX 166-233MHz CPUs
- C&T 69000 LCD controller supports 36-bit TFT Panels
- 10/100Base-T Fast Ethernet (SBC-556 only)
- Supports DiskOnChip up to 288MB
- PC/104 expansion connector

## Specifications

### System

CPU	Intel® Pentium® MMX 166-233MHz, AMD-K6-2 233-300MHz
System Memory	FPM/EDO SIMM x 2, Max. 128MB
2nd Cache Memory	Onboard 512KB pipeline burst L2 Cache
Chipset	SIS 5582
I/O Chipset	Winbond W83877. Fully 16-bit I/O decoded.
BIOS	Award 256KB Flash BIOS
SSD	Supports DiskOnChip® up to 288MB
Watchdog Timer	Can generate a system reset, IRQ15 or NMI
Expansion Interface	ISA interface, PC/104 connector x 1
Battery	Lithium battery
DMA	7 DMA channels (8237 equivalent)
Interrupt	15 interrupt levels (8259 equivalent)
H/W status monitoring	EPM 7032, can detect CPU temperature fan speed (SBC-556 only)
Power supply voltage	+5V (4.75V to 5.25V), +12V, AT.
Size/Weight	7.3"(L) x 4.8"(W) (185mm x 122mm), 0.66lb (0.3kg)
Operating temperature	32 to 140°F (0 to 60°C)

### I/O

MIO	IDE (UDMA33) x 1, FDD x 1, KB x 1, Mouse x 1, RS-232 x 1, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
Ethernet	Realtek RTL8139X, 10/100Base-T RJ-45 connector x 1 (SBC-556 only)
USB	2 USB ports

### Display

Chipset	C&T 69000
Memory Size	Built-in 2MB SDRAM
Resolution	1024 x 768@64K colors
LCD Interface	36 bit TFT/DSTN/MONO LCD panel

## Packing List

IDE cable, FDD cable, COM Port cable (2 serial, 1 parallel)	9657355000
KB/Mouse cable	1700060191
Quick Installation Guide	
Utility CD	

## Ordering Information

SBC-556-A10	Pentium® MMX Half-size CPU Card with SVGA, Ethernet, w/o CPU
SBC-556L-A10	Pentium® MMX Half-size CPU Card with SVGA, w/o CPU

### Optional

PCM-3524	LVDS Transmitter/Receiver Module
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