

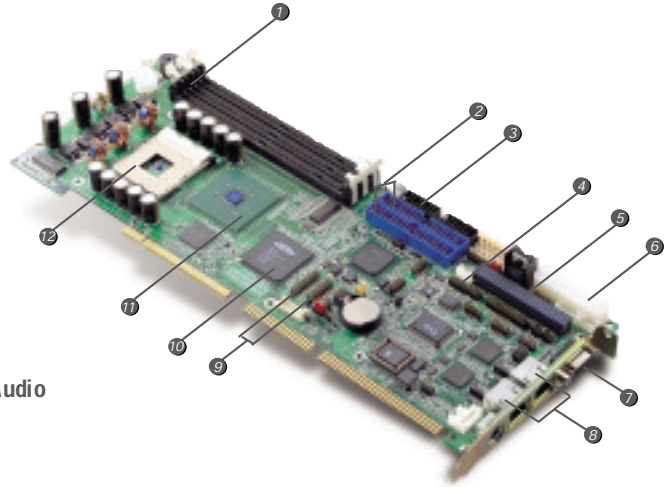


# SBC-800

Intel® Pentium® 4 Socket 478 Full size CPU Card

with LVDS, TV-out, AGP 4X, Dual Ethernet, Audio, High Drive, Compact Flash, & 4 USB ports

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|---|--|
| 1 Three 168-pin SDRAM Socket, up to 3GB | 7 VGA Connector                        |
| 2 IDE Connector                         | 8 Dual 10/100Base-T Ethernet Connector |
| 3 FDD Connector                         | 9 LVDS Channel header                  |
| 4 Audio Connector                       | 10 ATI Mobility Radeon M6              |
| 5 PC/104++ Connector                    | 11 Intel® 845 Chipset                  |
| 6 ATX Power Connector                   | 12 Intel® 478-pin Socket               |



## Features

- Supports Intel® Pentium® 4 Processor (NorthWood)
- High Speed ATI Mobility Radeon M6. AGP 4X 8M/16M onboard. Supports LVDS only
- Dual 10/100Base-T Fast Ethernet (Intel® 82559GD)
- Integrated AC-97 2.1 SoundBlaster compatible PCI 3D Audio
- Supports type II Compact Flash
- High Drive design to enhance ISA driving capacity
- PC/104 ++ expansion connector
- Supports Ultra DMA 100



## Specifications

### System

<b>CPU</b>	Intel® Pentium® 4 Processor in the 478pin package up to 2GHz (with system bus frequencies of 400MHz)
<b>System Memory</b>	SDRAM DIMM x 3 Max 3GB (support PC 133 only)
<b>Chipset</b>	Intel® 845 Memory Controller Hub (MCH)
<b>I/O Chipset</b>	ITE 8712
<b>BIOS</b>	Award 2MB Flash BIOS
<b>SSD</b>	Type II Compact Flash Socket
<b>Watchdog timer</b>	Can generate a system reset, IRQ15 or NM
<b>Expansion Interface</b>	PICMG 20x 1, PC/104++ connector x 1
<b>Battery</b>	Lithium battery
<b>DMA</b>	7 DMA channels (8237 equivalent)
<b>Interrupt</b>	15 interrupt levels (8259 equivalent)
<b>H/W status monitoring</b>	Embedded in ITE 8712 supports power supply voltages and temperatures monitoring
<b>Power supply voltage</b>	+5V, +12V, +3.3V, ATX.AT.
<b>Size/Weight</b>	13.3"(L) x 4.8"(W) (338mm x 122mm), 1.2lb(0.5kg)
<b>Operating temperature</b>	-4to +176°F (-20to +80°C)

### I/O

<b>MI0</b>	IDE (UDMA100) x 2, FDD x 1, KB x 1, Mbase x 1, RS-232x 1, RS-232/422/485 x 1, Parallel x 1
<b>IrDA</b>	One IrDA Tx/Rx header
<b>Ethernet</b>	Intel® 82559GD, 10/100Base-T RJ-45 connector x 2
<b>Audio</b>	Intel® 845 Memory Controller Hub (MCH), ALC200 CODEC
<b>USB</b>	4 USB ports

### Display

<b>Chipset</b>	ATI Mobility Radeon M6
<b>Output signal</b>	AGP4X
<b>Memory Size</b>	8M or 16M onboard
<b>Resolution</b>	1600 x 1200 @ 16.7M colors
<b>LCD Interface</b>	18/24/36/48 bit LVDS LCD panel.

## Packing List

Daughter Board	9697353300
ATA-100 IDE cable	1701406453
FDD cable	1701340700
COM Port cable kit (1 parallel, 1 serial)	1701010302
Serial Port cable	1701100305
KB/Mouse cable	1700060204
USB cable	1701100205
Audio cable	1701140202
TV-Out cable	1700080180
Quick Installation Guide	
Utility CD	

## Ordering Information

<b>SBC-800-A10</b>	Pentium® 4 Processor in the 478pin package Full-size CPU Card with LVDS, Dual Ethernet, Audio, High Drive, AGP 4X, Compact Flash, & 4USB Ports
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