

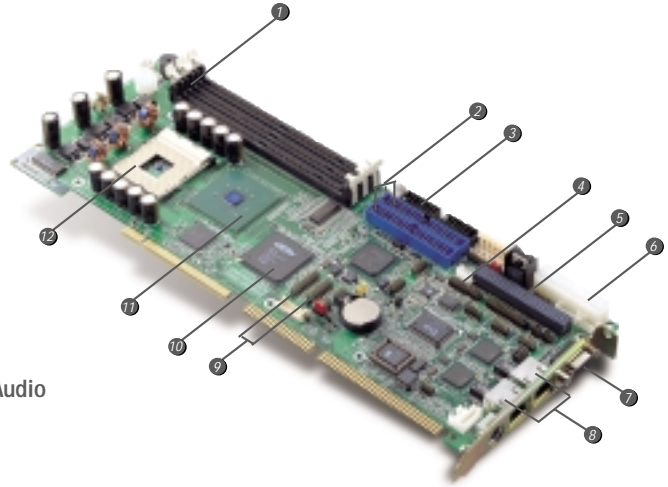


# SBC-800

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

- 1 Three 168-pin SDRAM Socket, up to 3.0 GB
- 2 IDE Connector
- 3 FDD Connector
- 4 Audio Connector
- 5 PC/104++ Connector
- 6 ATX Power Connector
- 7 VGA Connector
- 8 Dual 10/100Base-T Ethernet Connector
- 9 LVDS Channel header
- 10 ATI Mobility Radeon M6
- 11 Intel®845 Chipset
- 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

CPU	Intel® Pentium® 4 Processor in the 478 pin package up to 2GHz (with system bus frequencies of 400 MHz)
System Memory	SDRAM DIMM x 3, Max 3GB (support PC 133 only)
Chipset	Intel® 845 Memory Controller Hub (MCH)
I/O Chipset	ITE 8712
BIOS	Award 2MB Flash BIOS
SSD	Type II Compact Flash Socket
Watchdog timer	Can generate a system reset, IRQ15 or NMI
Expansion Interface	PICMG 2.0 x 1, PC/104++ connector x 1
Battery	Lithium battery
DMA	7 DMA channels (8237 equivalent)
Interrupt	15 interrupt levels (8259 equivalent)
H/W status monitoring	Embedded in ITE 8712 supports power supply voltages and temperatures monitoring
Power supply voltage	+5V, +12V, +3.3V, ATX/AT.
Size/Weight	13.3"(L) x 4.8"(W) (388mm x 122mm), 1.2lb(0.5kg)
Operating temperature	-4 to +176°F (-20 to +80°C)

### I/O

MIO	IDE (UDMA100) x 2, 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	Intel® 82559GD, 10/100Base-T RJ-45 connector x 2
Audio	Intel® 845 Memory Controller Hub (MCH), ALC200 CODEC
USB	4 USB ports

### Display

Chipset	ATI Mobility Radeon M6
Output signal	AGP4X
Memory Size	8M or 16M onboard
Resolution	1600 x 1200@16.7M colors
LCD Interface	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

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