

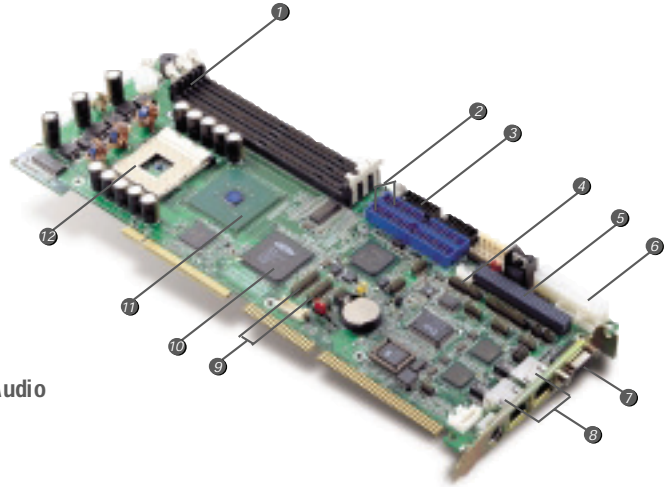


SBC-800

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 30GB | 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

| | |
|------------------------------|--|
| CPU | Intel® Pentium® 4 Processor in the 478pin package up to 2GHz (with system bus frequencies of 400MHz) |
| 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 NM |
| Expansion Interface | PICMG 20x 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) (338mm x 122mm), 1.2lb(0.5kg) |
| Operating temperature | -4to +176°F (-20to +80°C) |

I/O

| | |
|-----------------|---|
| MIO | IDE (UDMA100) x 2, FDD x 1, KB x 1, Mbus x 1, RS-232x 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

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|----------------------|---------------------------------|
| 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

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|---|------------|
| 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

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