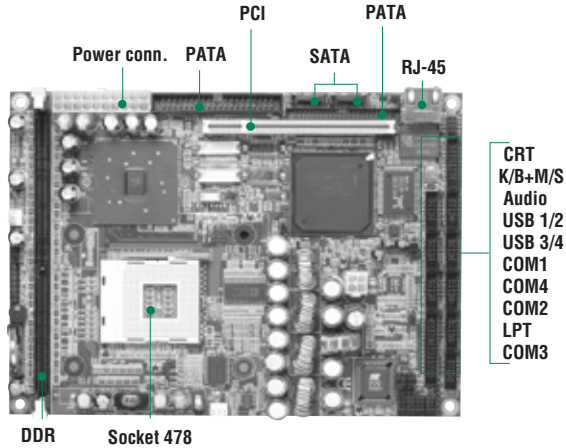


SBC83800

Socket 478 Intel® Pentium® 4 Embedded SBC with DualView, 4 COM and SATA-150



System

CPU	Socket 478 for Intel® Pentium® 4 2.8/2.6GHz and Intel® Celeron® D 2.8GHz, Celeron® 2.5/2.0GHz processor with FSB 400/533 MHz
System Memory	1 x 184-pin DDR DIMM max. up to 1GB
Chipset	Intel® 852GME+6300ESB
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	CompactFlash™ type-II socket with DMA supported
Watchdog Timer	System reset and SMI; 1024 levels, 0~600 seconds
Expansion Interface	PCI expansion slot for 2 x 32-bit/66MHz PCI masters
Battery	Lithium 3V/196 mAH
Size	203 x 146 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	2 x PATA-100 IDE, 2 x SATA-150 IDE, 1 x FDD, 1 x PS/2 K/B, 1 x PS/2 MS, 4 x COM (3 x RS-232, 1 x RS-232/422/485) with auto flow control, 1 x LPT, 1 x IrDA
Ethernet	Realtek RTL8100C Fast Ethernet controllers; optional with RTL8110SC Gigabit Ethernet
Audio	AC'97 codec audio
USB	4 x USB 2.0 ports via box-header for wiring solution

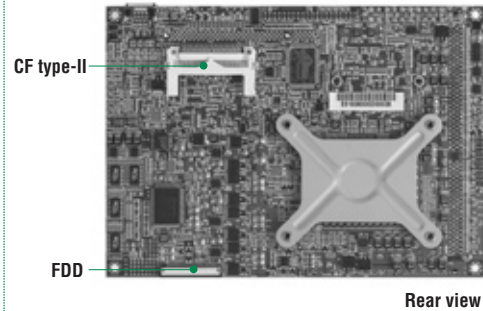
Display

Chipset	Integrated in Intel® 852GME GMCH
Memory Size	Max. up to 64MB frame buffer sharing system memory
Resolution	CRT: 1920 x 1440@60Hz; LVDS LCD: 1400 x 1050@60Hz
Output Interface	* CRT with box-header for DAC output * 1 st LVDS LCD with 2 x 20-pin connectors * 2 nd LVDS LCD with 2 x 20-pin connectors (optional)

Features



- ▶ Socket 478 for Intel® Pentium® 4/Celeron®/ Celeron® D processor with FSB 400/533 MHz
- ▶ Intel® 852GME+6300ESB chipset
- ▶ DualView with different content & resolution
- ▶ 4 COM ports for transaction terminal applications
- ▶ Serial ATA-150 supported
- ▶ Dual LVDS option supported
- ▶ RAID 0 and 1 supported



Packing List

Quick installation guide, manual, driver, utility CD

Ordering Information

Standard	
SBC83800VEA	Socket 478 5.25" SBC with CRT/LVDS LCD, Fast Ethernet, AC'97 audio and 4 COM ports
Optional	
SBC83800VGA	Socket 478 5.25" SBC with CRT/LVDS LCD, Gigabit Ethernet, AC'97 audio and 4 COM ports
SBC83800VLEA	Socket 478 5.25" SBC with CRT/Dual LVDS LCD, Fast Ethernet, AC'97 audio and 4 COM ports
CK9A001	1 x PS/2 KB-MS cable, 1 x Y-type PS/2 KB+MS adapter, 1 x CRT cable
CK9A002	1 x 44pin-to-44 & 40-pin IDE cable, 1 x 40pin-to-40pin DMA66/100 IDE cable, 2 x SATA-150 cable, 1 x 26pin FDD cable, 1 x 26pin FDD Reverse cable, 2 x COM cable, 1 x LPT Cable
CK9A003	1 x audio cable, 4 USB 2.0 cable