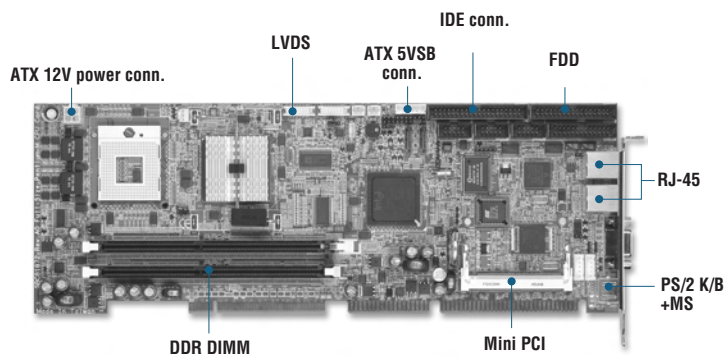


SBC81872

Socket 478 Intel® Pentium® M PICMG 1.0 Full-size SBC with VGA/LAN



Features

- ▶ Socket 478 for Intel® Pentium® M/Celeron® M mobile processor with FSB 533/400 MHz
- ▶ Intel® 915GME+ICH6M chipset
- ▶ Two DDR DIMM slots support 2GB memory capacity
- ▶ Two Serial ATA ports support data transfer rate up to 150MB/sec

System

CPU	Socket 478 for Intel® Pentium® M/Celeron® M mobile processor with FSB 533/400 MHz
System Memory	2 x 184-pin DDR 266/333/400 DIMM max. up to 2GB
Chipset	Intel® 915GME+ICH6M
BIOS	Phoenix-Award BIOS
SSD	CompactFlash™ socket (optional)
Watchdog Timer	Reset supported, 1-255 levels
Size	338 x 122mm
Temperature	Operating temperature: 0° to 60°C (differentiated by CPU) Storage temperature: -20° to 80°C
Operation Humidity	10%~95% relative humidity, non-condensing

I/O

MIO	1 x FDD, 1 x K/B+M/S, 1 x RS-232, 1 x RS-232/422/485, 1 x parallel port, 1 x EIDE
Ethernet 1	Boardcom BCM 5721 Ethernet controller supports 10/100/1000Mb (for SBC81872VGG only)
Ethernet 2	Realtek RTL8110S Ethernet controller supports 10/100/1000Mb (for SBC81872VG only)
Ethernet 3	Realtek RTL8110C Ethernet controller supports 10/100Mb (for SBC81872VE only)
USB	4 USB 2.0 ports
SATA	2 SATA-150 ports

Display

Chipset	Integrated in Intel® 915GME GMCH
Memory Size	Max. up to 128MB frame buffer sharing system memory
Resolution	Up to 2048 x 1536 at 75Hz refresh
LCD Interface	2 x 20-pin connectors

Packing List

Ultra DMA66 HDD cable x 1
Serial ATA cable x 1
Serial ATA power cable x 1
Jumper pack x 1
Quick manual x 1
Utility CD x 1

Ordering Information

Standard	
SBC81872VGG	Socket 478 Intel® Pentium® M PICMG 1.0 full-size SBC with VGA, audio, dual Gigabit LAN
SBC81872VG	Socket 478 Intel® Pentium® M PICMG 1.0 Full-size SBC with VGA, audio, Gigabit LAN
SBC81872VE	Socket 478 Intel® Pentium® M PICMG 1.0 Full-size SBC with VGA, audio, 10/100 LAN
Optional	
593826A0000E	SATA signal cable 500mm (Red RC)
593836A0030E	4-pin power cable to SATAx2 L=150mm (RC)
5938A808010E	2-port USB cable (190mm)