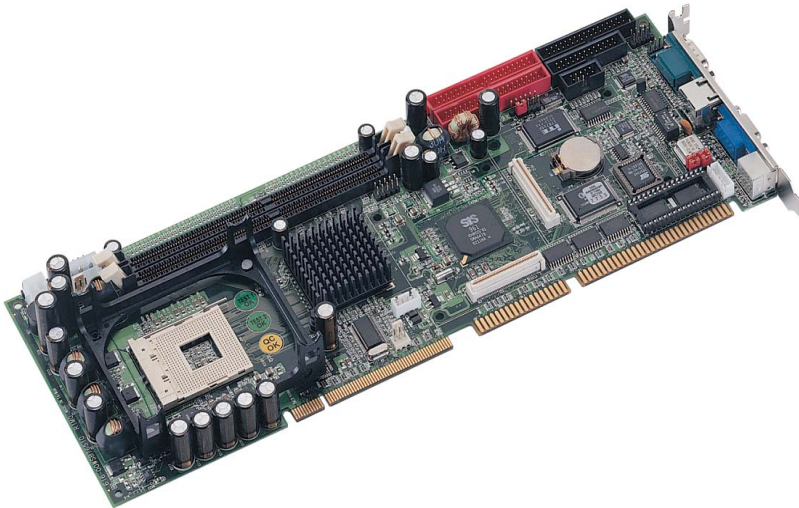


2 Embedded Computing Board

P4 Full Size SBC

AR-B1782



Features:

Socket 478

PICMG

DDR

2 USB

LAN

2 COM

DOC

Audio

LCD

AGP 4x

PICMG Socket 478 Full-Size SBC with VGA (CRT), LAN, DOC, Audio

System

CPU	Supports Intel Pentium 4 CPU up to 3.06GHz
Chipset	SIS651+ SIS961 (FSB 400/533 MHz)
System Memory	Supports DDR 200/266/333 SDRAM On-board two 184-pin DIMM slots for up to 2.0GB memory maximum (supports ECC)
BIOS	AMI
SSD	One DiskOnChip (DOC) 2~288MB
Watchdog Timer	Software programmable 0.5~64 seconds
Expansion Interface	Supports 16-bit ISA and 32-bit PCI up to 4 PCI Master
Mini PCI	
Battery	
Power Consumption	AT or ATX 12V
RTC	Built in SIS961
Dimension	338 mm x 122 mm (13.3" x 4.8")
Operating Temperature	0~55°C (32~131°F)
Storage Temperature	
Operating Humidity	5% ~ 95% Relative humidity non-condensing

Display

Chipset	Integrated AGP 4x
Memory Size	Shared System Memory Up to 64MB
Resolution	Up to 1600x1200
Interface	One DSub-15 connector for CRT
TV-out	
Dual Display	

Packing list

Part No.	Cable:HDDx1, FDDx1, PS/2 Yx1, COMx1, 1xLPT Utility CD, Manual
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Ordering Information

I/O

Main IO	2xE-IDE (Ultra DMA 33/66/100), 1xFDD, 2xPS/2 (KB/Mouse), 2xRS-232, 1xLPT
IrDA	Yes
Ethernet	Integrated Intel LAN chipset, 10/100Mbps Base-T, RJ45x1 (supports wake on LAN)
Audio	AC97 2.1 compliant
USB	Mic in, Line in, Line out, CD-in
GPIO	2 (USB 1.1 compliant)
SCSI	

Standard

AR-B1782	PICMG Socket 478 P4 Full-Size SBC with VGA (CRT), LAN, DOC, Audio
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Optional

AR-MB7P	2 ISA/2 PICMG/3 PCI Slot Passive Backplane (Page 72)
AR-MB14P	8 ISA/3 PICMG/3 PCI Slot Passive Backplane (Page 73)
AR-IPC14	14-slot 4U Rackmount IPC chassis (Page 64)

Specifications are subject to change without notice.