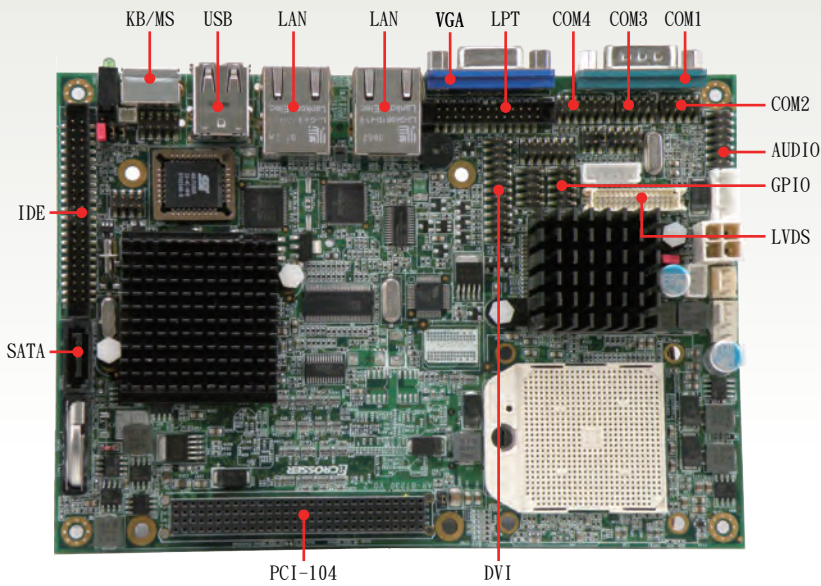


AR-B7230

EPIC SBC with AMD Socket S1 Support Turion 64 X2 and Sempron Processors with Dual Giga LAN/VGA/DVI/Audio



Features

- ✓ AMD Socket S1 Support Turion 64 X2 and Sempron
- ✓ AMD M690E + SB600 Chipset
- ✓ Full DirectX 9.0 and Shader Model 2.0
- ✓ VGA/DVI/LVDS

Embedded SBC

Specification

System

CPU	AMD Socket S1 Support Turion 64 X2/Sempron
Chipset	AMD M690E + AMD SB600
Front Side Bus	200/400/600/800/1000MHz Hyper Transport (HT)
Memory	1 x 200-pin SO-DIMM socket support 400/533/667MHz DDR2 SDRAM up to 2GB

Video

Graphic Controller	AMD M690E integrated graphic processor
Video Memory	-
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x DVI (Pin header) • 1 x Dual Channel 24-bit LVDS (Onboard pin header)

Storage

IDE	1 x IDE (44-pin)
SATA	1 x SATA II port
CF	1 x Compact Flash Type I socket
SD	-

I/O

Expansion Slot	1 x PCI-104
Ethernet	2 x Gbps RJ45 with LED, Broadcom BCM5787
Serial Port	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x pin header)
USB	6 x USB2.0 (2 x external port, 4 x pin header)
GPIO	8-bit Digital I/O
Parallel Port	1 x LPT (Pin header)
PS/2	1 x PS/2
Audio	Realtek ALC622

Hardware Feature

Hardware	<ul style="list-style-type: none"> • CPU voltage and temperature
Monitoring	<ul style="list-style-type: none"> • CPU and fan speed
WatchDog Timer	Software programmable 1~255 sec.

Power Requirement

Power Input	12V (+/-5%) single voltage input
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Software

OS Support	Windows Vista/XP/XP Embedded/CE, Linux
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Mechanical & Environment

Dimension	115mm x 165mm (4.53" x 6.50")
Weight	Net: 186g (0.4Lb)
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x AR-B7230
- 1 x Quick user guide
- 1 x Driver and utility CD

Ordering Information

AR-B7230	1 x AR-B7230
Accessory	ACC-7230: <ul style="list-style-type: none"> • 1 x Power cable (ATX) • 1 x IDE cable (44-pin) • 1 x PS/2 keyboard and mouse cable • 1 x Audio cable (Line-in/Line-out/Mic-in) • 1 x USB cable • 2 x COM port (DB9) • 1 x SATA cable

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