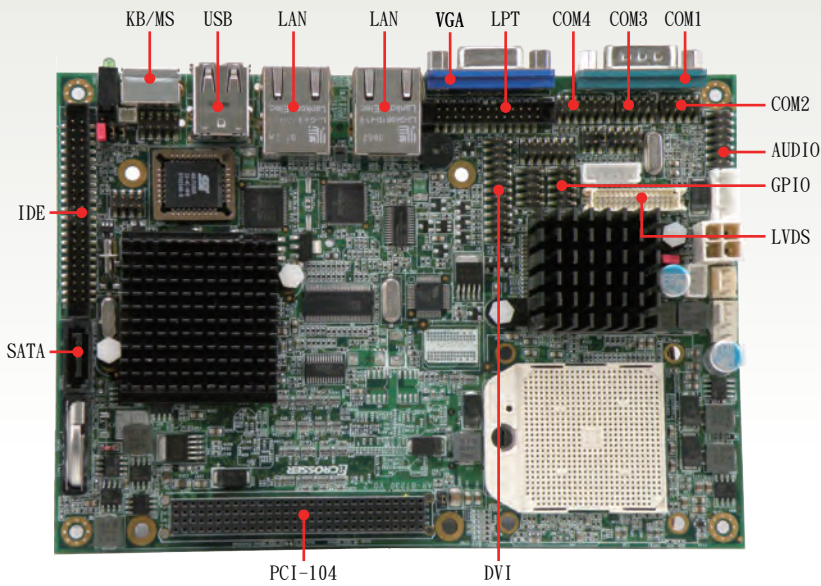


# AR-B7230

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

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

### Video

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

### Storage

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

### I/O

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

### Hardware Feature

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

### Power Requirement

<b>Power Input</b>	12V (+/-5%) single voltage input
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### Software

<b>OS Support</b>	Windows Vista/XP/XP Embedded/CE, Linux
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### Mechanical & Environment

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

### Packing List

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

### Ordering Information

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