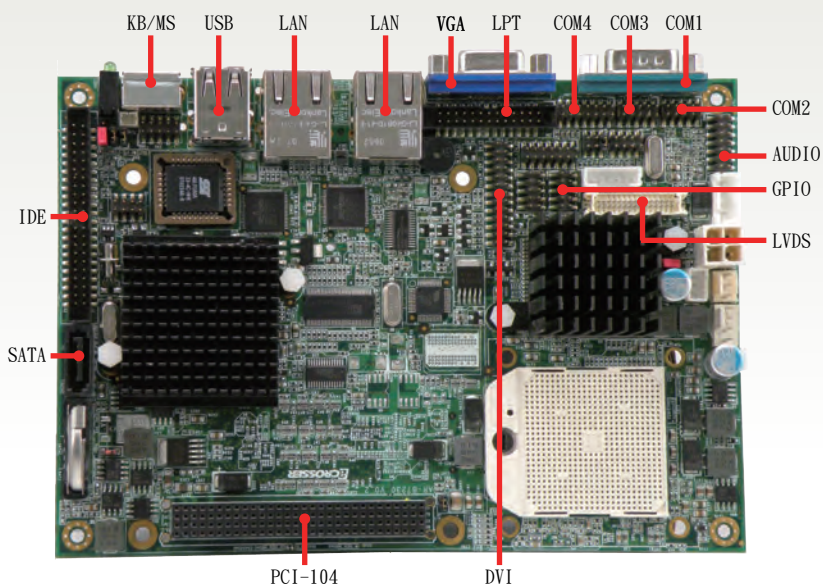




# AR-B7230

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>Memory</b>	1 x 200-pin SO-DIMM socket support 400/533/667MHz DDR2 SDRAM up to 2GB
<b>Battery</b>	One time Li-Ion CR2032 220mAh for RTC
<b>BIOS</b>	Award
<b>Hardware</b>	Yes
<b>Monitoring</b>	
<b>WatchDog Timer</b>	Software programmable 1-255 sec.
<b>OS</b>	Windows Vista/XP/XP Embedded/CE, Linux

### Video

<b>Video Controller</b>	AMD M690E integrated graphic processor
<b>Video Interface</b>	1 x VGA (DB15) 1 x DVI (Onboard pin header) 1 x Dual Channel 24-bit LVDS (Onboard pin header)

### Ethernet

<b>Connector</b>	2 x RJ45
<b>Controller</b>	Broadcom BCM5787 (Giga bps)

### Storage

<b>IDE</b>	1 x IDE (44-pin)
<b>SATA</b>	1 x SATA 1 port
<b>SSD</b>	1 x Compact Flash socket

### I/O

<b>Serial Port</b>	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x onboard pin header)
<b>USB Port</b>	6 x USB2.0 (2 x external port, 4 x onboard pin header)
<b>Audio</b>	5.1 CH Audio
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	1 x LPT (Onboard pin header)
<b>Keyboard/Mouse</b>	PS/2 keyboard and mouse connector
<b>Expansion Slot</b>	1 x PCI-104 slot

### Mechanical & Environment

<b>Dimension</b>	115mm x 165mm
<b>Power Supply</b>	DC 12V single power
<b>Power Mode</b>	AT/ATX
<b>Indicator</b>	HDD LED Power LED
<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

### Packing List

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

### Ordering Information

<b>ACC-7230 (Optional)</b>	1. Power cable (ATX) x 1 2. IDE cable (44-pin) x 1 3. PS/2 keyboard and mouse cable x 1 4. Audio cable (Line-in/Line-out/Mic-in) x 1 5. USB cable x 1 6. COM port (DB9) x 2 7. SATA cable x 1 8. DVI cable x 1
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