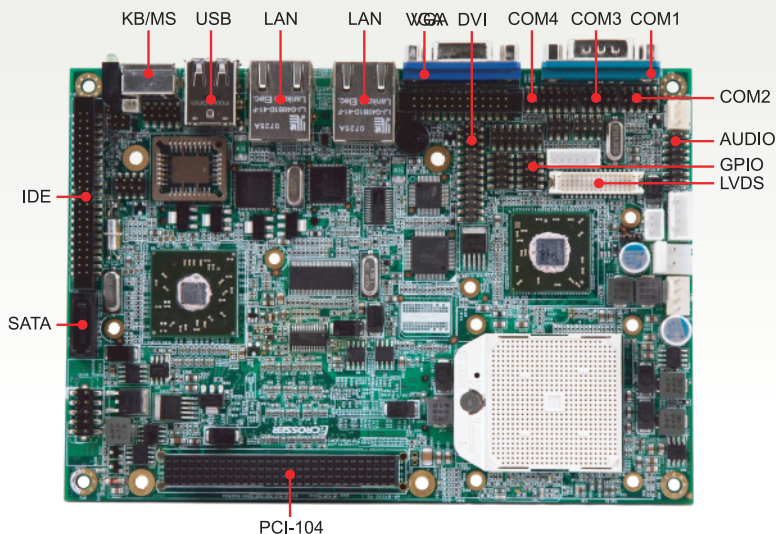




AR-B7230

EPIC SBC support mobile AMD Socket S1 Turion and Sempron Processors with Dual Gigabit LANs / LCD / TV out / DVI / Audio

Embedded SBC



Features



- ✓ EPIC form factor and fanless dust proof chassis
- ✓ AMD socket S1 Turion 64 X2 dual core and Sempron single core processors
- ✓ AMD M690E & SB600 chipset
- ✓ Full Direct X 9.0 and Shader Model 2.0 support
- ✓ High Definition Video: Analog (VGA), LCD, DVI, opti

SPECIFICATION

System	
CPU	AMD Turion 64x2 and sempron processors
Chipset	AMD M690E+AMD SB600
Memory	Two SO-DIMM socket support 400MHz to 667MHz DDR2 SDRAM up to 2GB
Battery	One time Li-Ion CR2032 220mAh for RTC
BIOS	Award
Hardware	Yes
Monitoring	
WatchDog Timer	Software programmable 1~255 sec.
OS	Windows Vista/XP/Xpe/CE, Linux
Video	
Video Controller	AMD RS690E Integrated Graphic Processor
Video Interface	VGA port DVI port Dual 24-bit LVDS port TV Out integrated PWM interface for LCD backlight inverter control
Ethernet	
Connector	2 x RJ45
Controller	Broadcom BCM5787 (10/100/1000)
Storage	
IDE	PATA 44 pin Box header
SATA	Serial ATA 1 Port x 2
SSD	1 x Compact Flash socket
I/O	
Serial Port	RS-232 x 3 RS-232/422/485 x 1
USB Port	2 x External USB 2.0 4 x Internal USB 2.0
Audio	5:1 CH Audio
GPIO	8-bit Digital I/O
Keyboard/Mouse	PS/2 Keyboard and PS/2 Mouse Connector
Expansion Slot	PCI-104

Mechanical & Environment	
Dimension	165mm x 251mm x 67 mm
Power Supply	DC 12V Single Power
Power Mode	AT/ ATX
Indicator	HDD LED Power LED
Operating Temp.	0~60°C(32~140°F), -20°C~60°C(-4~140°F)
Storage Temp.	-20~80°C(-4~176°F)
Relative Humidity	0 to 90% @ 40° C, non-condensing

Packing List	
1.	AR-B7230
2.	Quick User Guide
3.	Driver and Utility CD
4.	PS2 mouse & keyboard cable

Optional	
ACC-5430:	
1 x	Power cable(ATX)
1 x	IDE cable (44pin)
1 x	PS/2 KeyBoard Mouse cable
1 x	Audio cable(Line-in/Line-out/Mic-in)
1 x	USB 2.0 Cable for internal port
2 x	COM port (DB9)
1 x	SATA cable
1 x	TV-Out cable (S-Video)
1 x	DVI cable