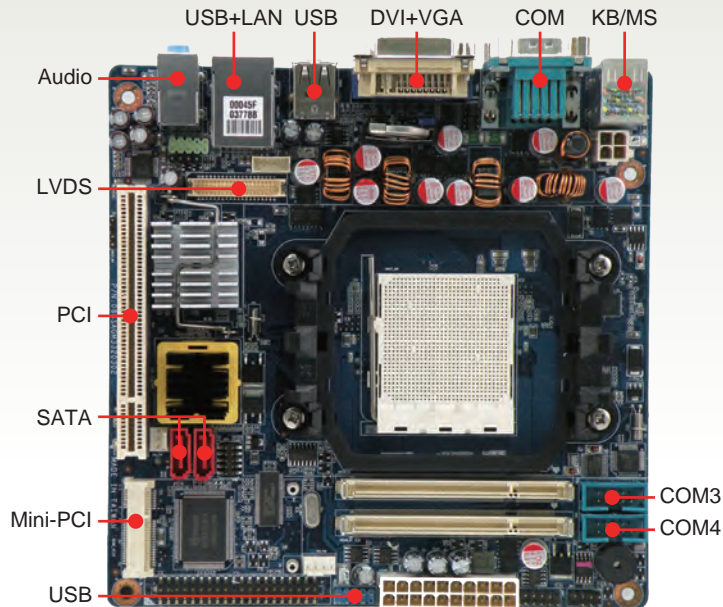


AR-B7290

Mini-ITX Embedded PC Powered by Phenom, Athlon 64/64x2, Sempron



Features



- ✓ Socket AM/AM2+ Support AMD Phenom, Athlon 64/64x2, Sempron
- ✓ AMD RS690E + SB600
- ✓ VGA/DVI/LVDS
- ✓ 2 COM (5V/12V) + 2 COM, 6 USB
- ✓ 1 x PCI, 1 x Mini-PCI,

Specification

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CPU	Socket AM2/AM2+ support Phenom, Athlon 64/64x2, Sempron processors
Chipset	AMD RS690E + SB600
Front Side Bus	200/400/600/800/1000MHz Hyper Transport (HT)
Memory	2 x 200-pin SO-DIMM socket support 400/533/667/800MHz DDR2 SDRAM up to 4GB

Video

Graphic Controller	IGP ATI Radeon X1250-base
Video Memory	-
Video Interface	<ul style="list-style-type: none"> • 1 x VGA (DB15) • 1 x DVI port • 1 x Dual Channel 18/24-bit LVDS (Pin header)

Storage

IDE	1 x IDE (40-pin)
SATA	2 x SATA II port
CF	1 x Compact Flash Type I socket
SD	-

I/O

Expansion Slot	<ul style="list-style-type: none"> • 1 x PCI • 1 x miniPCIe
Ethernet	1 x Gbps RJ45 with LED, Realtek RTL8111C
Serial Port	4 x RS-232, (2 x DB9, 2 x pin header)
USB	6 x USB2.0 (4 x external port, 2 x pin header)
GPIO	8-bit Digital I/O
Parallel Port	-
PS/2	PS/2 keyboard and mouse connector
Audio	Realtek ALC888

Hardware Feature

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

Power Requirement

Power Input	Standard ATX 20-pin power connector
Power Consumption	96.34W without external devices, 2.8A@3.3V, 2.9A@5V, 5.8A@12V

Software

OS Support	Windows XP/XP Embedded
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Mechanical & Environment

Dimension	170mm x 170mm (6.69" x 6.69")
Weight	Net: 400g (0.9Lb)
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-B7290
- 1 x Quick user manual
- 1 x Utility CD
- 2 x COM cable
- 1 x IDE cable (40-pin)
- 1 x SATA cable kit (SATA/Power)

Ordering Information

AR-B7290	1 x AR-B7290
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