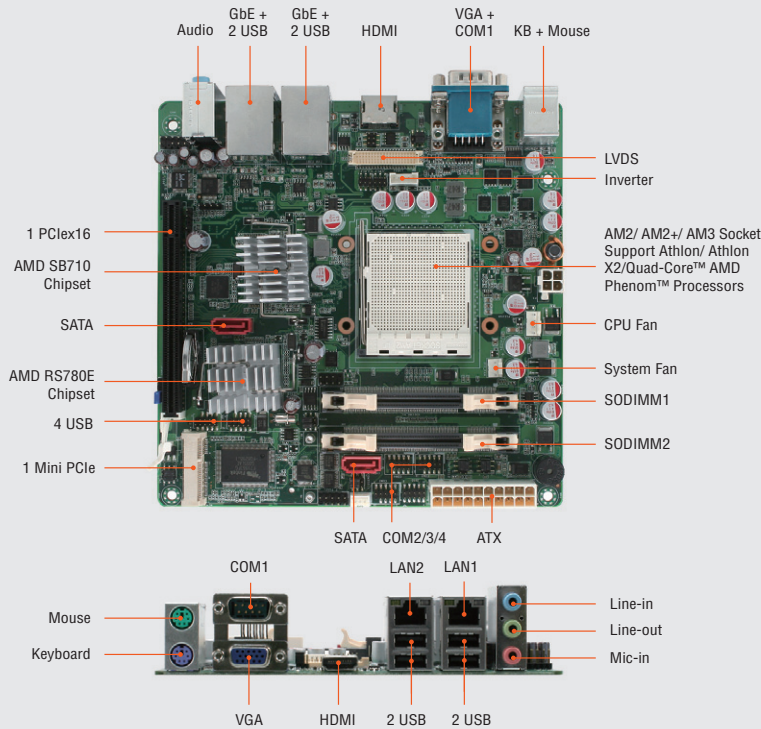




EMX-780E

AMD Athlon/ Athlon X2/ Quad-Core™ AMD Phenom™
Mini ITX Motherboard with AMD RS780E + SB710 Chipset



Features

- AM2/ AM2+/ AM3 Socket Support Athlon/ Athlon X2/ Quad-Core™ AMD Phenom™ Processors
- AMD RS780E/ SB710 Chipset
- Two SODIMMs Up to 4GB DDR2 800 SDRAM
- Dual View, 2-CH LVDS, HDMI
- ALC888 Supports 5.1-CH Audio
- Dual Realtek RTL8111D Gigabit Ethernet
- CF, 1 PCIe16, 1 Mini PCIe
- 2 SATA, 8 USB, 4 COM, 8-bit GPIO

AMD Athlon X2	5.1-CH Audio	2 GbE	Dual View	CF
PCIe16	Mini PCIe	8 USB	4 COM	8 GPIO
2 SATA	2-CH LVDS			

Specifications

System

• CPU	AM2/ AM2+/ AM3 Socket Support Athlon/ Athlon X2/ Quad-Core™ AMD Phenom™ Processors
• FSB	400MHz
• BIOS	AMI 2MB SPI BIOS
• System Chipset	AMD RS780E/ SB710
• I/O Chip	FINTEK F71863FG
• System Memory	Two 200-pin SODIMMs Support Up to 4GB DDR2 800 SDRAM
• SSD	1 CompactFlash Type I/II Socket
• Watchdog Timer	1sec. ~ 255min. and 1sec. or 1min/step
• H/W Status Monitor	Monitoring CPU Temperature and Cooling Fan Status with Auto Throttling Control
• Expansion	1 PCIe16, 1 Mini PCIe
• S3/ S4	Yes (S1/ S2/ S3/ S4)
• SmartFan Control	Yes

I/O

• MIO	2 SATA, 1 K/B, 1 Mouse, 4 RS-232 (COM1 on Edge, COM2/ 3/ 4, 10-pin 2.0 Pitch Box Header)
• USB	8 x USB 2.0
• DIO	8-bit

Audio

• Audio Code	Realtek ALC888 Supports 5.1-CH Audio
• Audio Interface	Mic-in, Line-in, Line-out
• Audio Amplifier	TPA A3005D2 Stereo 5W Per Channel

Display

• Chipset	IGP ATI Radeon HD3200
• Resolution	CRT Mode: 2560 x 1600 @ 32bpp
• Dual Display	CRT + HDMI, CRT + LVDS
• LVDS	2-CH 24-bit LVDS
• HDMI	1 x External Port (HDMI 1.3)

Ethernet

• LAN 1	Realtek RTL8111D Gigabit Ethernet
• LAN 2	Realtek RTL8111D Gigabit Ethernet

Mechanical & Environmental

• Power Requirement	ATX (5V/ 12V), 5Vsb
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Operating Humidity	0 ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	6.69" x 6.6" (170mm x 170mm)
• Weight	0.88lbs (0.4kg)

Ordering Information

• EMX-780E-A1R

AMD Athlon/ Athlon X2/ Quad-Core™ AMD Phenom™ Mini ITX Motherboard with AMD RS780E + SB710 Chipset and 2-CH LVDS, 5.1-CH Audio, 2 GbE, PCIe16, Mini PCIe, 4 COM, 2 SATA, 8 USB, 8-bit GPIO