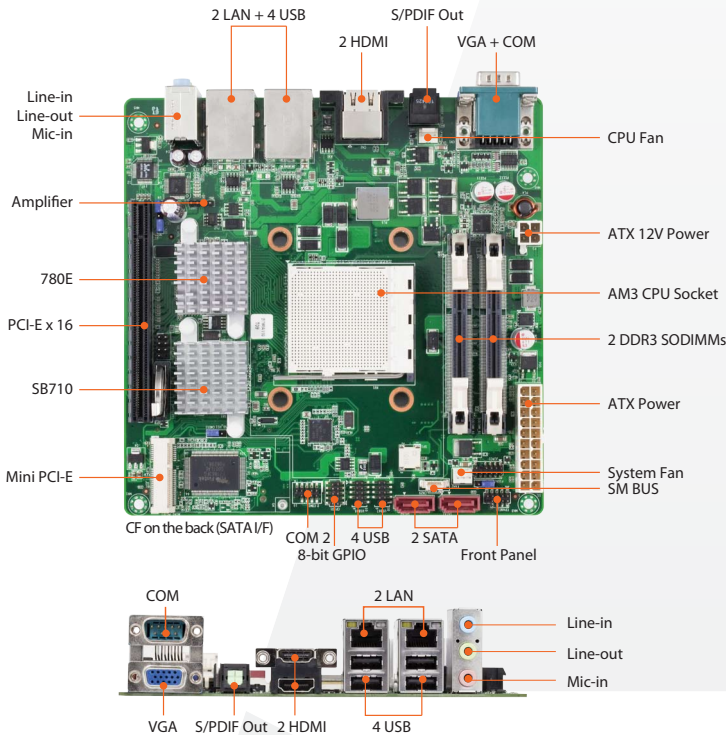


A780E-I3

AMD AM3 Processor Mini-ITX Motherboard with AMD Radeon™ HD 3200



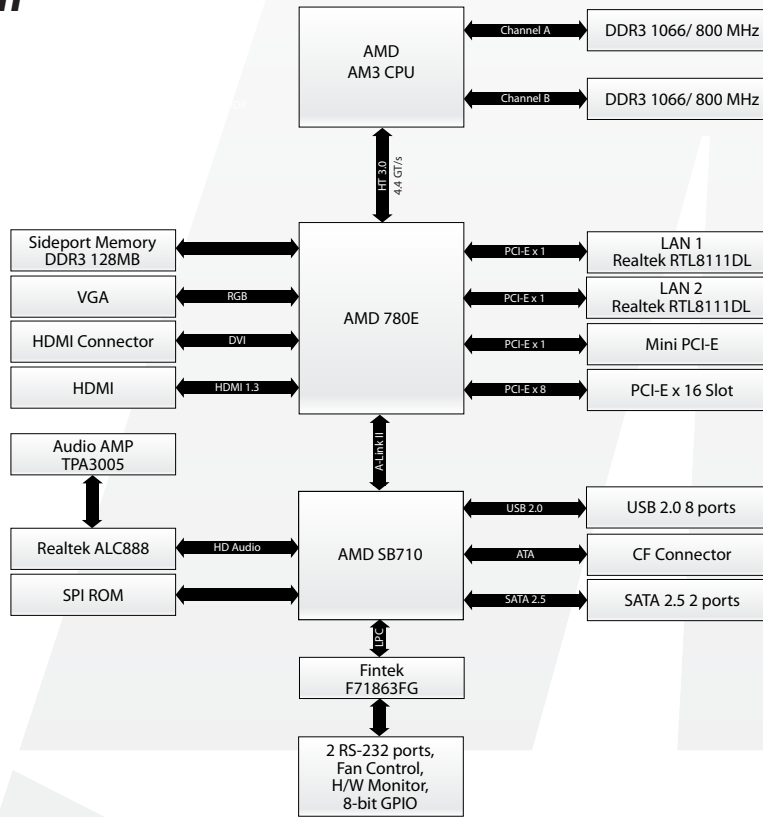
Features

- AMD AM3 socket supports AMD Phenom™ II/ Athlon™/ Sempron Processor (TDP = 45W)
- AMD 780E + SB710 Chipset
- AMD Radeon HD 3200 graphics engine supports HDMI 1.3, DirectX 10, OpenGL 2.0, H.264/ AVC Full HD decode
- Two 204-pin DDR3 1066/ 800 SODIMM, up to 4GB
- Realtek ALC888 supports 5.1 channel HD Audio
- Dual Realtek RTL8111DL GbE LAN
- Multiple display I/O supports versatile dual display functions : Dual HDMI, VGA + HDMI
- 1 Mini PCI-E, 1 PCI-E x 16 Gen.2 (x8), 1 CF
- 2 SATA 2.5 support RAID 0, 1
- 2 COM, 8 USB 2.0
- 3W + 3W Audio Amplifier embedded
- 8-bit GPIO

Specifications

System		Display	
CPU	AMD AM3 socket supports AMD Phenom II/ Athlon/ Sempron Processor (TDP = 45W)	Chipset	AMD Radeon HD 3200
BIOS	AMI 16Mb SPI	Display Memory	UMA 512 + Sideport 128MB
System Chipset	AMD 780E + SB710 Chipset	Dual Display	VGA + HDMI, HDMI + HDMI
I/O Chip	Fintek F71863FG	VGA	Onboard, max 2456 x 1536 (@60Hz)
System Memory	Two 204-pin SODIMM sockets support up to 4GB DDR3 1066/ 800 MHz SDRAM	HDMI	Onboard, max 2560 x 1600 (@60Hz)
Watchdog Timer	Reset : 1 to 255 sec/min per step	Audio	
H/W Status Monitor	Monitoring temperature, voltage and cooling fan status. Auto throttling control when CPU overheats	Audio Codec	Realtek ALC888, 5.1 channel HD Audio
Expansion	1 PCI-E x 16 Gen.2 (x8), 1 Mini PCI-E, 1 Compact Flash Type I/II Socket	Audio Interface	Line-in, Line-out, Mic-in, S/PDIF Out
Power State	S1, S3, S4, S5	Audio Amplifier	3W + 3W, TPA3005D2PHPR Stereo
Wake up on LAN or Ring	LAN (WOL), Ring (WOR)	Audio Amplifier Interface	4-pin Amplifier Header
SmartFan Control	Yes	Ethernet	
I/O		LAN 1	Realtek RTL8111DL GbE LAN
MIO	2 COM RS-232, 2 SATA 2.5, 2 HDMI, 1 VGA, 2 LAN, 1 CF	LAN 2	Realtek RTL8111DL GbE LAN
USB	8 USB 2.0 (4 Rear, 4 Internal)		
GPIO	8-bit General Purpose I/O for 4-bit DI and 4-bit DO		

Block Diagram



Back Panel I/O Port

- 1 VGA Port
- 1 COM RS-232 Port
- 1 S/PDIF Out (Optical Connector)
- 2 HDMI Ports
- 4 USB 2.0/ 1.1 Ports
- 2 LAN RJ45 Ports
- 1 Audio I/O (3 Jacks)

Internal I/O Connector

- 2 USB Connectors support 4 USB Ports
- 1 COM RS-232 Connector
- 2 SATA Connectors
- 1 Front Audio
- 1 CPU Fan Connector (3-pin)
- 1 System Fan Connector (3-pin)
- 1 SM Bus
- 1 AMP Header (4-pin)
- 1 GPIO

Mechanical & Environmental

Power Requirement	+12V	+5V	+3.3V	5VSB
	3.4A	2.96A	0.72A	0.81A

Power Type ATX (supports AT Mode)

Power Connector 1 20-pin ATX Power Connector,
1 4-pin ATX 12V Power Connector

Operating Temperature 0°C to 60°C (32°F to 140°F)

Operating Humidity 0% to 90% relative humidity, non-condensing

Size (L x W) 6.69" x 6.69" (170 x 170 mm)

Weight 1.06 lbs (0.48 Kg)