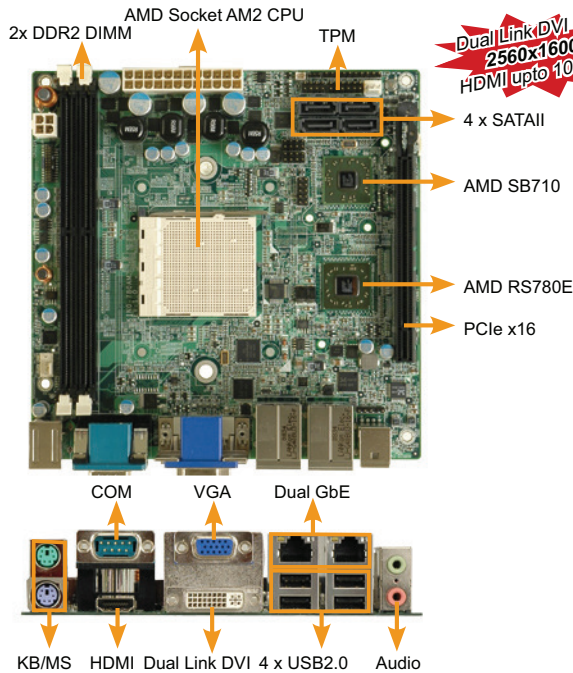


KINO-780AM2

Mini-ITX SBC with Socket AM2 for AMD Althon™ 64, Althon™ 64 X2, Sempron™ CPU, VGA/Dual link DVI/HDMI, SPIDF Dual PCIe GbE, USB2.0, SATAII, and Audio



Dual Link DVI upto 2560x1600
HDMI upto 1080P



Video output3: VGA support resolution up to 2560x1600 @60Hz



Video output1: HDMI support 480p, 720p, 1080i, and 1080p



On board Dual display independent by VGA+DVI-D, VGA+HDMI:

Video output2: Dual link DVI, support ultra-high resolution up to 2560x1600 @60Hz

CPU is backward compatible with AM3 processor



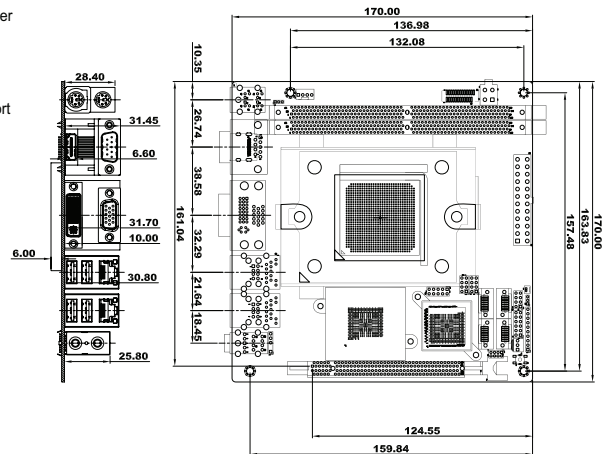
Features

1. AMD RS780E integrated Radeon HD3200 graphic core for UVD, MPEG2, and H.264/AVC Full HD Decoder (Notes: Video decoding needs driver support and player enable function. After PowerDVD 7.0, you can find ATI function option in PowerDVD video field)
2. DDR2 667/800MHz memory dual-channel DDR2 DIMMs support up to 4GB
3. Dual Display support by VGA + DVI-D/HDMI + VGA
4. AMD Socket AM2 Althon™64, Althon™64 X2, Sempron™ CPU with 2600MHz Hyper Transport 3.0 support
5. ATI Radeon™ HD3200 Graphic core for DX10 support
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
AMD Socket AM2 Althon™64, Althon™64 X2, Sempron™ CPU with 2600MHz Hyper Transport 3.0 support
AMD Socket AM3 Phenom II, Athlon II, Sempron CPU up to 3.2GHz
AM3 processors are backwards compatible with today's AM2 platforms
- ◆ System Chipset
AMD RS780E + SB710
- ◆ BIOS
AMI BIOS
- ◆ Memory
Two 240-pin 667/800 DDR2 dual-channel SDRAM DIMMs supported (system max. 4GB)
- ◆ Ethernet
Dual Realtek PCIe RTL8111CP GbE Chipsets
- ◆ I/O Interface
8 x USB2.0 4 x SATAII with RAID 0, 1, 10
1 x RS-232 2 x PS2 for KB/MS
1 x TPM
- ◆ Graphic
ATI Radeon™ HD3200 Graphic core for DX10 support
Graphic Memory share system memory up to 512MB (system 2GB)
- ◆ Display Output
VGA integrated in the AMD RS780E (Max. resolution 2560x1600@32bpp)
Support HDMI resolution up to 1080p integrated in the AMD RS780E
Dual link DVI-D integrated in the AMD RS780E (Resolution 2560x1600)
- ◆ Expansion
1 x PCIe x16
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super IO
Fintek F71859
- ◆ Audio
Realtek ALC888 HD Codec
- ◆ Watchdog Timer
Software Programmable support 1-255 sec. System reset by Fintek F7511R
- ◆ Power Supply
ATX power supply
- ◆ Power Consumption
5V@4.8A, 12V@0.22A, Vcore_12V@12.69A, 3.3V@0.54A (AMD Phenom X4 9950 CPU)
Vcore_12V by CPU
- ◆ Temperature
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operation: 5% ~95% non-condensing
- ◆ Dimension
170mm x 170mm
- ◆ Weight
GW: 1000g / NW: 450 g

Dimensions (mm)



Packing List

1 x KINO-780AM2 single board computer	1 x Mini jumper pack
1 x I/O shielding (P/N: 45014-0028C0-00-RS)	4 x SATA cable (P/N: 32000-062800-RS)
1 x Utility CD	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
KINO-780AM2-R10	Mini-ITX SBC with Socket AM2 for AMD Althon™ 64, Althon™ 64 X2, Sempron™ CPU, VGA/Dual link DVI/HDMI, SPIDF Dual PCIe GbE, USB2.0, SATAII, and Audio
TPM-WI01-R10	20-pin WINBOND TPM module, S/W management tool
TPM-IN01-R10	20-pin INFINEON TPM module, S/W management tool
CB-USB02-RS	Dual Ports USB cable
32102-000100-100-RS	SATA Power cable
32102-000100-200-RS	SATA Power cable
24105-000077-RS	AMD Athlon™ 64 X2 Dual Core 4200+, 2.2GHz, 512KBx2, 1000MHz, TDP 35W, Socket AM2(940-pin), RoHS
24105-000078-RS	AMD Athlon™ 64 X2 Dual Core 3600+, 1.9GHz, 512KBx2, 1000MHz, TDP 35W, Socket AM2(940-pin), RoHS
CF-478D-RS-R11	1U CPU cooler for 65W
CF-478E-RS-R11	2U CPU cooler for 120W

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 Industrial Data Collector and Controller

4 Video Capture Solutions

5 I/O Communication Solutions

6 Panel Solutions

7 ORing Network Communication

8 Power Supply/ Peripherals