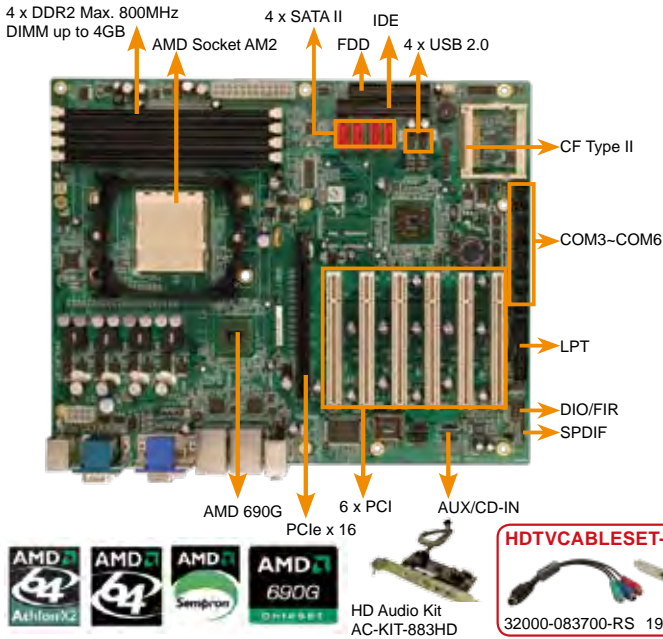


IMBA-690AM2

ATX Form Factor with AMD Athlon™ 64, AMD Athlon 64 X2 Dual-Core, AMD Athlon 64 FX, or AMD Sempron™ Processor, AMD 690G & SB600 Chipsets, VGA/DVI/TV-out Multi-display Interfaces support dual displays, 4 x SATA II with RAID Functions, Dual PCI GbE, PCI & PCIe x16 Expansion Slot, COM, USB 2.0, Audio

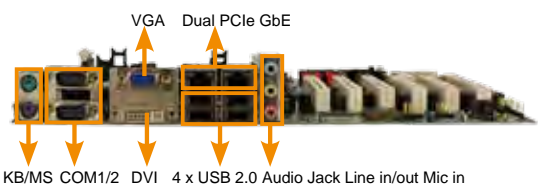


Speed and Performance increasing with CPU & memory over clocking function

CPU over clocking option in BIOS for various CPU speed choice

Gain extra performance without any additional cost!

174% Performance upgrade



Specifications

- ◆ CPU
AMD Athlon™ 64, AMD Athlon 64 X2 Dual-Core, AMD Athlon 64 FX, and AMD Sempron™ Socket AM2 processors
- ◆ HyperTransport™ Technology
200/400/600/800/1000MHz Hyper Transport
- ◆ System Chipsets
AMD 690G + AMD SB600
- ◆ BIOS
AMI Flash BIOS
- ◆ System Memory
4 x 240-pin DIMM Socket Dual-channel DDR2 400/533/667/800MHz up to 8GB
- ◆ Ethernet
Dual Broadcom BCM5787M PCIe GbE chipsets with ASF 2.0 support
- ◆ I/O Interface
5 x RS-232(3 by pin header) 1 x RS-232/422/485 (COM3)
8 x USB 2.0(4 by pin header) 4 x SATA II with RAID 0,1, 10 support
1 x IDE 1 x FDD 1 x TPM
1 x LPT 2 x PS2 for KB/MS
- ◆ Expansion
1 x PCIe x16 1 x PCIe mini card slot
6 x PCI slots
- ◆ Digital I/O
8-bit digital I/O, 4 input/ 4 output
- ◆ Infrared Interface
- ◆ Display Interfaces
VGA / DVI-D / HDTV-out supports 1080i HDTV resolution output
- ◆ Audio
AC'97 codec with Realtek ALC655 support 5.1 channel with Line in/Line out/Mic in audio jack
- ◆ SSD
CF Type I/II
- ◆ Watchdog Timer
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply
ATX Power
- ◆ Power consumption
12V@ 2.24A, 5V@2.62A, 3.3V@1.167A (AMD Athlon 64 3200+ 2.0GHz , DDR2 667MHz, 512M x 2)-3DMark@ 2001 SE 330
- ◆ Temperature
Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operating: 5% ~95% non-condensing
- ◆ Dimension
305 mm x 244 mm
- ◆ Weight
GW:1.5K g

Features

1. AMD Socket AM2 Processor with HyperTransport™ Technology supported
2. Built in AMD 690G-Top-grade Choice of Integrated Multi-Media Platform
3. Support DVI/VGA/TV-out Multi-display interfaces and Dual Display supported
4. 4 x SATA II support Raid 0, 1, 0+1 Function
5. 6 x PCI & 1 x PCIe x16 Slots for advanced expansion capability

Packing List

1 x IMBA-690AM2 single board computer
1 x mini jumper pack
1 x ATA66/100 flat cable (P/N: 32200-000052-RS)
4 x SATA cable (P/N: 32000062800-RS)
2 x SATA power cable (P/N: 32100-088600-RS)
2 x RS-232 cable (P/N:32200-004101-RS)
1 x I/O shielding (P/N:45014-0008C0-00-RS)
1 x utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
IMBA-690AM2-R10	ATX form factor with AMD® Athlon™ 64, Athlon™ 64 X2 Dual-Core, Sempron™ processor, VGA/DVI/TV-out, Dual PCIe GbE, USB 2.0, SATA II and Audio
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable
CB-USB14-RS	4 Ports USB cable with bracket, 2 x (2 x 4p) 2.54mm pitch connector
CF-478A-RS	High performance CPU cooler (work with 19200-000104-RS)
CF-519-RS	High performance CPU cooler (work with 19200-000104-RS)
CF-AM2-RS	AMD® socket AM2 1U CPU cooler (work with 19200-000104-RS)
19200-000104-RS	CPU cooler kit for CF-478A/ CF-519/ CF-AM2
HDTV CABLESET-R10	HDTV cable set with Component/S-video output
24105-000029-RS	AMD® Athlon™ 64 X2 Dual-Core 3400+ 1.8GHz; 512KBx2, 1000MHz, TDP 35W, Socket AM2 (940 pins), RoHS
24105-000052-RS	AMD® Athlon™ 64 Single-Core 3000+ 1.8GHz; 512KBx2, 1000MHz, TDP 35W, Socket AM2 (940 pins), RoHS
AC-KIT883HD-R10	7.1 Channel HD audio kit with Realtek ALC883 supports dual audio streams