



Motherboards

AMD Athlon™ 64-Based

Socket AM2 AMD Athlon™ 64 Mini-ITX Motherboard w/ AMD M690E Chipset

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MI932

Features

- Supports AMD Athlon™ 64 Dual Core Processors, up to 1.8GHz, 800MHz
- 2x DDR2 533/667/800 DIMM , Max. 4GB
- Supports 2x PCI-E Gigabit LAN
- Integrated VGA, CRT & DVI, dual DVI support
- 2x SATA II, 1x IDE, 8x USB 2.0, 2x COM
- 1x PCI, Optional 4x COM ports (ID394), 7.1CH HD Audio

System

CPU	AMD Athlon™ 64 / Athlon™ 64 X2 64-bit CPU, up to 1.8GHz
System Memory	2x DDR2 533/667/800 DIMM, Max. 4GB
System Chipset	AMD M690E + SB600
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x PCI, optional 4x RS232 COM ports (ID394)

Graphics

VGA Controller	AMD M690E integrated Radeon™ X1200 series
VGA Memory	Shared memory Max. 1024MB
Display Interface	Supports CRT, dual DVI, dual view display (CRT with DVI or dual DVI)

LAN

Controller	2x Realtek RTL8111C PCI-E Gigabit LAN
Connector	RJ-45 on board

Multi I/O

I/O Chipset	Winbond W83627EHG 1x IDE, 1x KB, 1x mouse, 1x RS-232, 1x RS232/422/485, 2x SATA II (RAID 0, 1)
USB	4 ports on board Pin header for 4 ports (USB 2.0)
Audio	AMD SB600 built-in HD audio w/ Realtek ALC888 codec for 7.1CH
Others	Digital I/O (4-in/4-out), +12V DC-in

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	AMD Athlon™ 64 x2 2.5GHz (4800+) w/ 2x 1GB DDR2 +3.3V: 1.12A +5V: 5.01A +5Vsb: 0.44A +12V: 5.59A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

MI932F	Socket AM2 Athlon™ 64 Mini-ITX motherboard with VGA and dual PCI-E Gigabit LAN
CMI203-180	Chassis for Mini-ITX, w/ 180W PSU, 3.5" HDD holder
CMI203-250	Chassis for Mini-ITX, w/ 250W PSU, 3.5" HDD holder

Remarks:
 1. For optional daughter boards and riser cards, please refer to page 19-20.
 2. Specifications are subject to change without prior notice.

