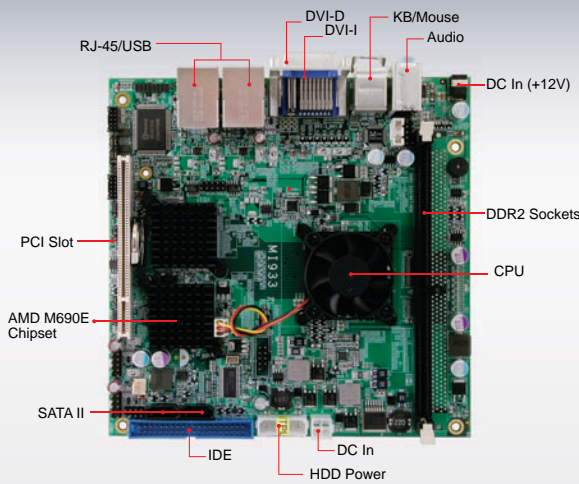


- Motherboards
- Disk-Size SBCs
- CPU Modules
- PC/104 Pile
- CPU Card
- Embedded Systems
- Network Security Appliance

MI933



Features

- Supports AMD Sempron™ processor, 800MHz FSB
- 1x DDR2 DIMM, Max. 2GB
- AMD M690E built-in Radeon X1270 for CRT
- Dual DVI on board, dual view supported
- 2x Realtek PCI-E Gigabit LAN
- 2x SATA II, 2 x COM, 8 x USB, 1 x PCI
- +12V DC In, optional LPC TPM



System

CPU	AMD Sempron™ 64-bit processor, 1.0GHz/1.5GHz
System Memory	1x DDR2 DIMM, 400MHz, Max. 2GB
System Chipset	AMD M690E + SB600, 800MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1x PCI, Reserved headers for LPC TPM and 4 COM

Graphics

VGA Controller	AMD M690E integrated Radeon™ X1200 series
VGA Memory	Shared memory, Max. 1GB
Display Interface	Supports CRT, dual DVI, dual view display (CRT with DVI or dual DVI)

Ethernet

Controller	2x Realtek 8111C PCI-E Gigabit LAN
Connector	RJ-45 on board

Multi I/O

Chipset	AMD SB600, Winbond W83627EHG 1x IDE, 1x KB, 1x Mouse, 1x RS-232, 1x RS232/422/485, 2x SATA II
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 Sempron™ 64-bit processor, 1.0GHz w/ 2x 1GB DDR2-667 +12V: 3.22A +5V: 1.3A
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

MI933	AMD Sempron™ 200U, 1.0GHz, M690E Mini-ITX motherboard w/ VGA and dual PCI-E Gigabit LAN
MI933-15	AMD Sempron™ 210U, 1.5GHz, M690E Mini-ITX motherboard w/ VGA and dual PCI-E Gigabit LAN
ID394-R	LPC I/F 4x COM board (see page 21)
ID395-R	TPM1.2 (LPC interface) board (see page 21)
IP115	Riser card with 1x PCI (see page 20)
IP151-R	Riser card with 2x PCI (see page 21)
IP340	Riser card with 2x PCI (see page 21)
CMI201-60	Chassis for Mini-ITX (low power), w/ 60W PSU, 2.5" HDD holder, 1x PCI-E (optional IP271-R, IP119-R riser & LVDS/DVI ports)
CMI201-85	Chassis for Mini-ITX (low power), w/ 85W PSU, 2.5" HDD holder, 1x PCI-E (optional IP271-R, IP119-R riser & LVDS/DVI ports)
CMI203-180	Chassis for Mini-ITX, w/ 180W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iIO LCM)
CMI203-250	Chassis for Mini-ITX, w/ 250W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iIO LCM)

Remarks:

* Specifications are subject to change without prior notice.

