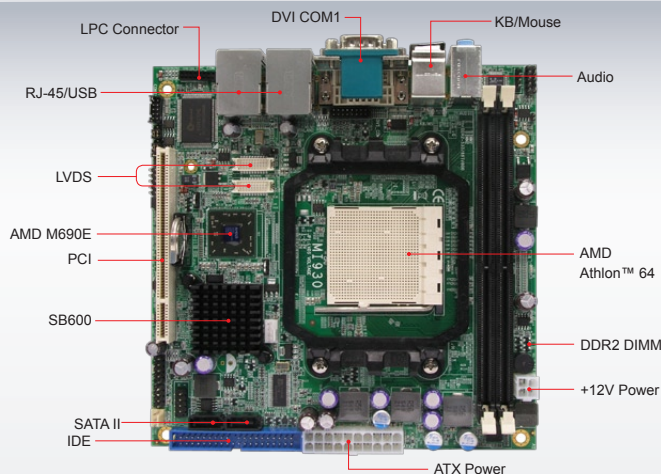


MI930E



Features

- Supports Socket AM2 for AMD Athlon™ 64 / Athlon™ 64 X2 / Sempron™, up to 2.8GHz
- 2x DDR2 DIMM, Max. 4GB
- AMD M690E built-in Radeon X700 VGA for CRT, TV out, DVI and LVDS (dual display supported)
- 2x Marvel 88E8052 PCI-E Gigabit LAN
- 2x SATA II, 2x COM, 6x USB, optional 4x COM
- Watchdog timer, Digital I/O, 1x PCI slot



System

CPU	Socket AM2 (940-pin) for AMD Athlon™ 64 / Athlon™ 64 X2 / Sempron™, up to 2.8GHz
System Memory	2x DDR2 DIMM, Max. 4GB
System Chipset	AMD M690E + SB600
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1x PCI Reserved pin header for LPC TPM adaptor card

Graphics

VGA Controller	AMD M690E built-in Radeon X700 VGA controller Supports CRT, DVI, and LVDS Dual display (CRT with DVI or LVDS; DVI with LVDS)
VGA Memory	Shared memory
Display Interface	DF13-20 LVDS interface DVI edge connector built in

LAN

Controller	1x or 2x Marvell 88E8053 PCI-E Gigabit
Connector	RJ-45 on board

Multi I/O

I/O Chipset	AMD SB600, Winbond W83627EHG 1x IDE, 1x KB, 1x Mouse, 1x RS-232, 1x RS232/422/485, 2x SATA II (RAID 0, 1), optional 4x RS-232
USB	4 ports on board, 2 ports via pin header
Audio	Built-in HD audio + HDA codec
Others	Digital I/O (4-in/4-out)



Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	AMD Athlon™ 64 x2 2.8GHz (5600T) w/ 2x 2GB DDR2 +3.3V: 1.57A +5V: 3.91A +5Vsb: 0.56A +12V: 5.96A
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

MI930E	Socket AM2, AMD M690E Mini-ITX M/B with VGA, and Gigabit LAN
MI930EF	Socket AM2, AMD M690E Mini-ITX M/B with VGA, and dual 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)
IP450-R	Riser card with 2x PCI (see page 21)
CMI203-180	Chassis for Mini-ITX, w/ 180W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iLO LCM)
CMI203-250	Chassis for Mini-ITX, w/ 250W PSU, 3.5" HDD holder, 2x PCI-E (optional IP241, IP118-R riser card & iLO LCM)

Remarks:

* Ordering information and specifications are subject to change without prior notice.

