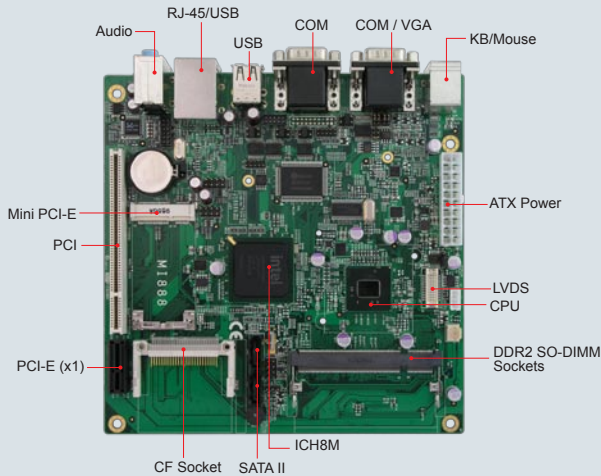


# MI888



## Features

- Onboard Intel® Atom™ N450 SC/ D510 DC Processor, 1.66GHz
- 1x DDR2 SO-DIMM, Max. 2GB
- Supports CRT and LVDS (dual display)
- 1x PCI-E Gigabit LAN
- 2x SATA II, 8x USB 2.0, 4x COM
- 1x PCI, 1x PCI-E(x1), 1x Mini PCI-E, 1x CF

## System

CPU	Intel® Atom™ Processor N450 SC (Single core, 1.66GHz 512KB L2 cache) Intel® Atom™ Processor D510 DC (Dual core, 1.66GHz 1MB L2 cache)
System Memory	1x DDR2 SO-DIMM, Max. 2GB
System Chipset	Intel® 82801HM I/O Controller (ICH8M)
BIOS	AMI BIOS, support ACPI Function
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	1x PCI, 1x PCI-E (x1), 1x Mini PCI-E

## Graphics

VGA Controller	Embedded Gen3.5 + GFX Core
VGA Memory	Max. Shared Memory - 224 MB
Display Interface	Supports VGA, 18-bit single channel LVDS

## Ethernet

Controller	Realtek 8111DL PCI-E Gigabit LAN
Connector	RJ-45 on board

## Multi I/O

Chipset	Winbond W83627UHG 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485, 2x SATA II
USB	4 ports on board Pin header for 4 ports (USB 2.0)
Audio	Intel® built-in HD audio w/ Realtek ALC662 codec for 5.1CH
Others	Digital I/O (4-in/4-out)



## Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Atom™ N450 1.66GHz w/ 2GB DDR2-800 +12V: 0.45A +5V: 2.80A +3.3V: 0.67A Intel® Atom™ D510 1.66GHz w/ 2GB DDR2-800 +12V: 0.68A +5V: 3.28A +3.3V: 0.68A
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

MI888	Intel® Atom™ N450 1.66 GHz processor Mini-ITX motherboard w/ VGA, 1x PCI-E GbE LAN
MI888-D5	Intel® Atom™ D510 1.66 GHz processor Mini-ITX motherboard w/ VGA, 1x PCI-E GbE LAN

### Remarks:

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

