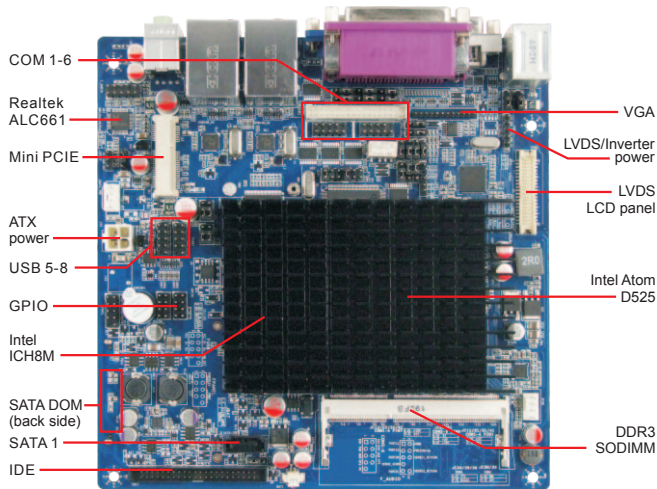
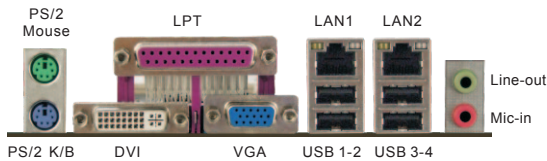


ITX-IP5MI828

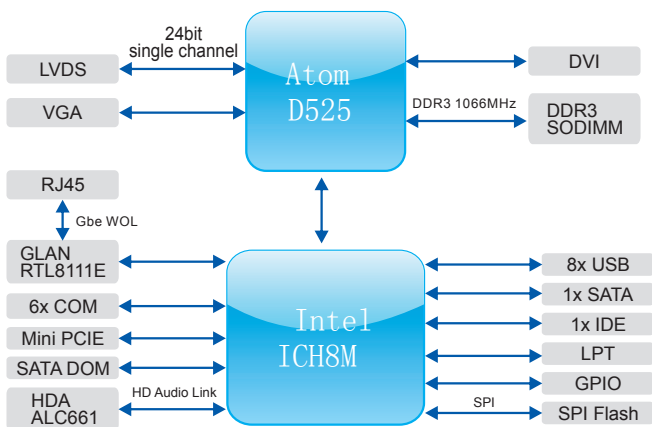
Intel® ICH8M Mini-ITX Industrial Motherboard



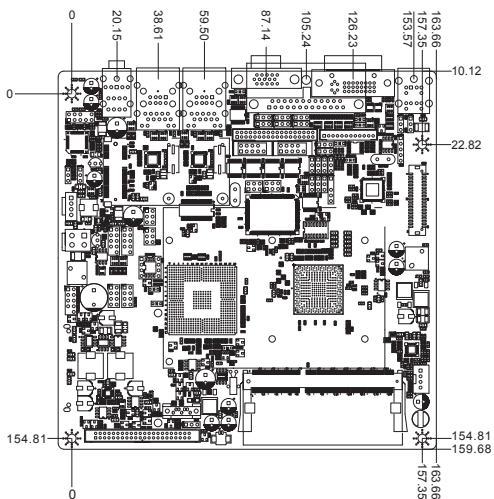
Rear I/O



Block Diagram



Mechanical Drawing



Detail Specification

Mechanical standard

- Mini-ITX Industrial Grade Motherboard
- Size: 170mm (6.7") x 170mm (6.7")

Chipset

- Intel® ICH8M

Processor

- Intel ATOM™ D525, 1.8GHz, 1MB

BIOS

- AMI BIOS
- 16MBit SPI BIOS

Memory

- 1x DDR3 800/1066MHz SO-DIMM
- Support 4GB MAX

Graphics

- Intel® GMA 3150
- Display: VGA/DVI/LVDS dual display
- *1x VGA(Port), 1x DVI(port)
- *1x LVDS(pin), 1x VGA(pin)

LAN

- 2x Realtek® RTL8111E 1000M

Audio

- Realtek ALC661 HD Audio Decoding controller
- 4 Channel Audio output
- Support On-board S/PDIF output

Parallel Port

- 1x LPT port

COM

- 6x COM(6xRS232/Pin header)

USB

- 4xon-board USB2.0/1.1
- 4xPin USB2.0/1.1

Storage

- 1x SATAII Connector(3Gb/s)
- 1xSATA DOM connector
- 1x 44pin IDE Connector

Expansion socket

- 1x Mini PCIE WIFI and SSD Switch through Jumper
- 8 Bit

Keyboard/Mouse

- KM/MS Keyboard/Mouse connector
- *Detailed pin definition refer to the Manual

Power Supply

- 1xDC 12V

Working condition

- Operation Temperature -10°-60°C
- Operation Humidity 10%-90% Relative Humidity, Non-Condensing.

Certificate

- 3C,FCC,CE(Optional)

Accessories

- Manual, Driver CD, Cable, IO shield