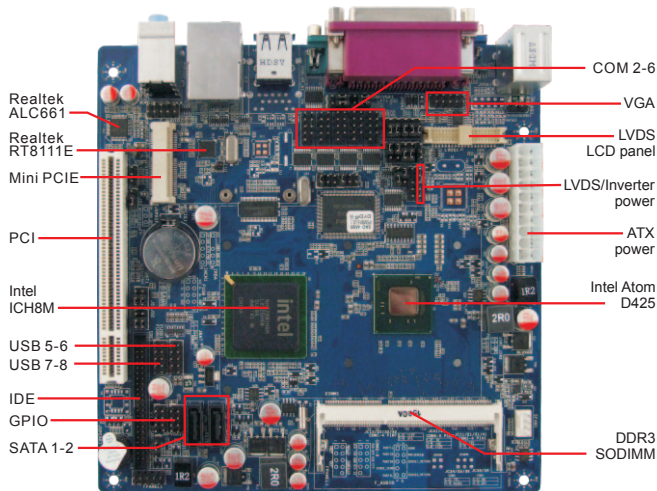


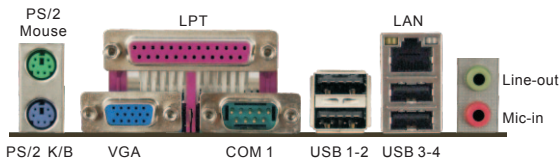
ITX-IP4MI816A

Intel® ICH8M Mini-ITX Industrial Motherboard

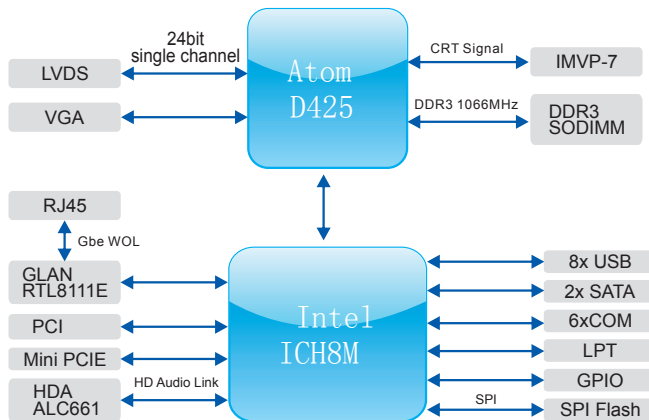
J&W IPC



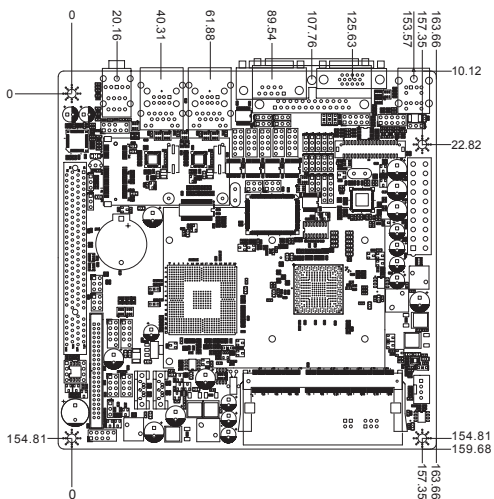
Rear I/O



Block Diagram



Mechanical Drawing



Detail Specification

Mechanical standard
 - Mini-ITX Industrial Motherboard
 - 170mm (6.7") x 170mm (6.7")

Chipset
 - Intel® ICH8M

Processor
 - Intel ATOM™ D425, 1.8GHz, 512KB

Bios
 - AMI BIOS
 - 16MBit SPI BIOS

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

Graphics
 - Intel GMA3150
 - Display: VGA/LVDS Dual Display
 * Support LVDS (pin)
 * 1xVGA(pin)/1xVGA(port)

LAN
 -1x Realtek® RTL8111E 1000M

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

LPT
 - 1xLPT port

COM
 - 1x COM(RS232/DB9)
 - 5x COM(RS232/Pin header)

USB
 - 8x USB 2.0/1.1
 * 4x Pin interface/4x On-board interface

Storage
 - 2x SATAII Connector(3Gb/s)
 - 1x 44Pin IDE Interface

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

Keyboard/Mouse
 - PS/2 Keyboard/Mouse port

Power Supply
 - 1x20 pin ATX Power Connector

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

Certificate
 - 3C, FCC, CE (Optional)

Accessories
 - Manual, Drive CD, Cable, I/O shield