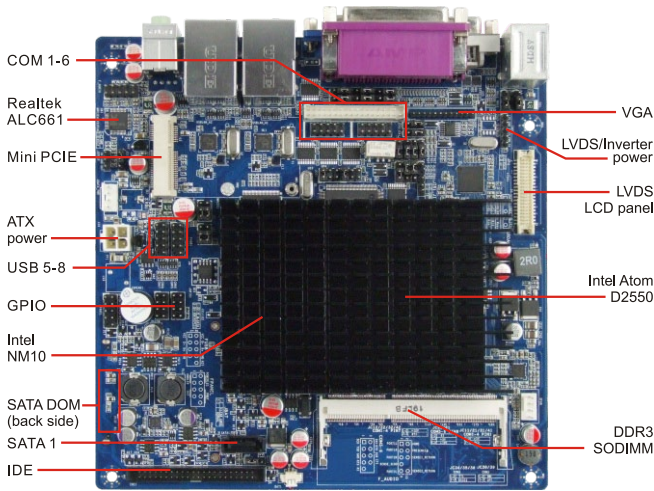
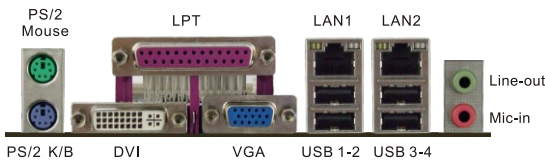


# ITX-IC2M1028

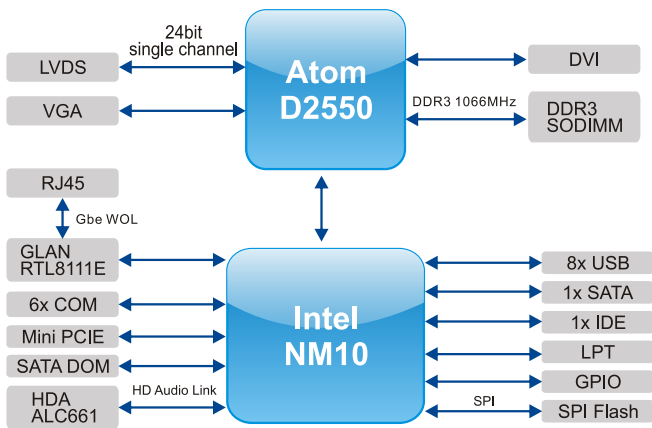
Intel® NM10 Mini-ITX Industrial Motherboard



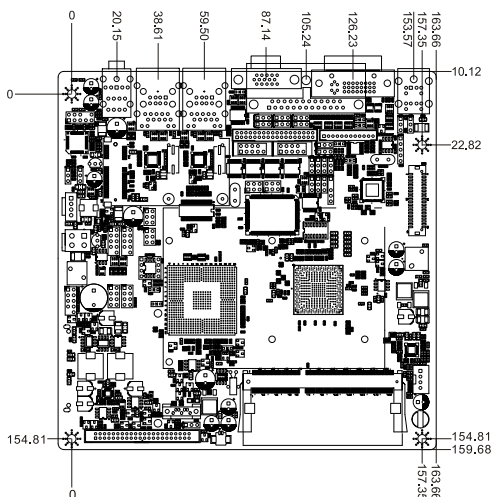
## Rear I/O



## Block Diagram



## Mechanical Drawing



## Detail Specification

### Mechanical standard

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

### Chipset

- Intel® NM 10

### Processor

- Intel ATOM Dual-Core D2550, 1.86GHz, 1MB

### BIOS

- AMI BIOS
- 16MBit SPI BIOS

### Memory

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

### Graphics

- Intel Power VR SGX545
- Display: VGA / HDMI /LVDS Dual Display
- \*1x VGA(Port), 1x DVI(port)
- \*1x LVDS(pin; 24 bit, 2 channels),1x VGA(pin)

### LAN

- 2x Realtek® RTL8111E RTL8111E 1000M

### Audio

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

### Parallel Port

- 1x LPT port

### Series Port

- 6x Pin Serial port
- \*COM1~COM6, either 5V or12V voltage configured, Through jumper, 1A power supply, the 9th pin is galvanical.

### USB

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

### Storage

- 2x SATAII Connector(3Gb/s)

### Expansion socket

- 2x Mini PCIE
- \*Mini PCIE and M-SATA SSD switch through Jumper
- \*Detailed Pin Definition refer to the manual
- 1x SIM slot (optional)

### GPIO

- 8 Bit

### Keyboard/Mouse

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

### Power

- 1x 4pin ATX
- 1x DC Jack(12V)(Optional)

### 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