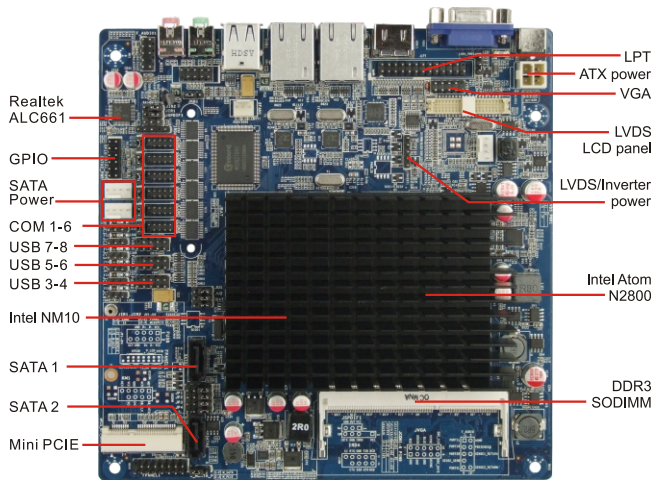
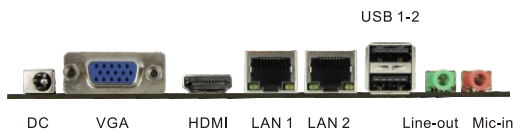


ITX-IC8M1026

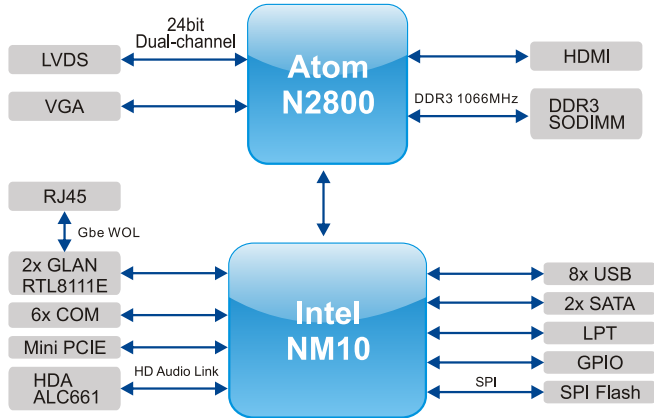
Intel® NM10 Mini-ITX Industrial Motherboard



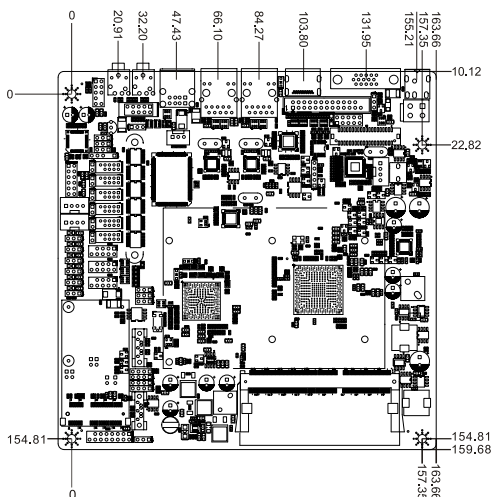
Rear I/O



Block Diagram



Mechanical Drawing



Detail Specification

Mechanical standard

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

Chipset

- Intel® NM 10

Processor

- Intel ATOM Dual-Core N2800, 1.86GHz,1MB

BIOS

- AMI BIOS
- 16MBit SPI BIOS

RAM

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

Graphics

- Intel Power VR SGX545
- Display: VGA / HDMI/ LVDS (pin)
- *1xVGA(port),1xHDMI(port)
- *1xLVDS(pin; 24 bit, 2 channels) ,1xVGA (pin)

LAN

- 2x Realtek RTL8105E 100M or RTL8111E 1000M

Audio

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

Parallel Port

- 1x LPT Pin

Serial port

- 6x Pin Serial port RS232
- *COM1~COM6, either 5V or12V voltage configured, Through jumper, 1A power supply, the 9th pin is galvanical.

GPIO

- 8bit

USB

- 8x USB 2.0/1.1
- * 6x Pin interface /2x On-board interface

Storage

- 2x SATAII Connector(3Gb/s)

Expansion socket

- 1x Mini PCIE socket
- * Mini PCIE and M-SATA SSD switch through Jumper
- * Detailed Pin Definition refer to the manual

Power Supply

- 1xDC Jack
- 1x4 pin ATX Standard Power Connector(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