



## Main Features

- ♦ Onboard Intel® Atom™ Dual Core Processor, 1.66GHz (D525)
- ♦ Dual Intel® 1000/100/10 Mbps LAN ports
- ♦ 4 x USB2.0/1x VGA
- ♦ 4 x RS232 and 2 x RS232/422/485 with auto flow control
- ♦ One External CF Socket and one external SIM card holder
- ♦ 9 ~ 36V DC input
- ♦ ATX power mode

## Specifications

### Main Board

- ♦ NISB 2100
- ♦ On-board Intel® Atom™ D525 Dual core processor, 1M Cache, 1.66GHz
- ♦ Intel® ICH8M PCH

### Main Memory

- ♦ 1x DDR3 SO-DIMM socket, support up to 2 GB DDR3 667 MHZ SDRAM, unbuffered, non-ECC

### I/O Interface-Front

- ♦ ATX Power on/off switch
- ♦ HDD Access/ Power status LEDs
- ♦ 2 x USB2.0 ports
- ♦ 2 x Serial port (RS232)
- ♦ 1 x external SIM card holder

### I/O Interface-Rear

- ♦ 9~ 36V DC input
- ♦ 1 x 2-pin for remote power on/off switch
- ♦ 1 x DB15 VGA port
- ♦ 2 x Gbe Intel LAN ports (Optional 3rd GbE LAN port)
- ♦ 1 x Speaker out
- ♦ 2 x USB2.0 ports
- ♦ 4 x Serial port (2x RS232 and 2x RS232/422/485 with auto-flow control)
- ♦ Two antenna holes (Either optional WiFi or 3.5G module)

### Storage

- ♦ 1 x 2.5" SATA HDD drive bay
- ♦ One external CF socket

### Power Requirements

- ♦ ATX Power mode
- ♦ 9 ~ 36V DC
- ♦ Optional 19V power adapter or DC power cable (default)

### Dimensions

- ♦ 195 mm (W) x 200 mm (D) x 65 mm (H) (7.7" x 7.9" x 2.6")

### Construction

- ♦ Aluminum Chassis with fanless design

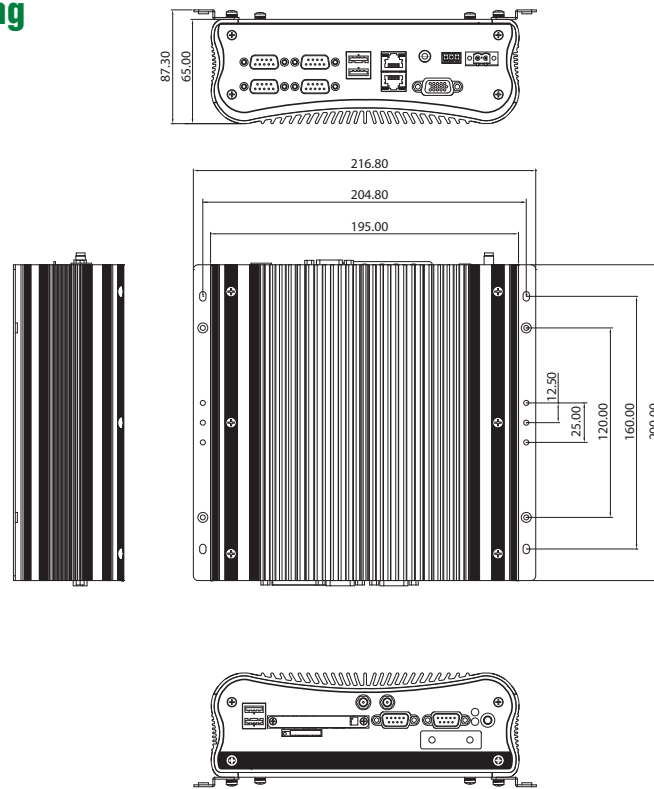
### Environment

- ♦ Operating temperature:
  - Ambient with air flow: -5°C to 55°C
  - Ambient with air flow: -20°C to 70°C (Extreme version)(According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- ♦ Storage temperature: -20°C ~ 80°C
- ♦ Relative humidity: 10% to 93% (Non-condensing)

### Certifications

- ♦ CE approval
- ♦ FCC Class A

## Dimension Drawing



## Ordering Information

- Barebone  
NISE 2100 (P/N: TBD)