



## FEATURES

- Intel Atom N450 1.66 GHz Processor
- Onboard DDR2 667 MHz, up to 1 GB
- SATA x 1, CF x 1
- RS-232 x 2, RS-232/485 x 1, RS-485 x 1
- USB2.0 x 4
- 10/100/1000Base-TX, RJ-45 x 1

## Specifications

### SYSTEM

Processor	Intel Atom N450 1.66 GHz Processor
Chipset	Intel 82801HBM(ICH8-M)
System Memory	Onboard 1GB DDR2
BIOS	8MB AMI SPI
WatchDog Timer	256 levels
Power Consumption (Typical)	-
Power Requirement	DC_IN 12V
MTBF (Hours)	-
Certification	CE/FCC

### DISPLAY

Chipset	Intel 82801HBM(ICH8-M)
Video Output	LVDS,VGA
Memory	-

### MULTI I/O

Ethernet	10/100/1000Base-TX, RJ-45 x 1
Audio	Line-in/Line-out/Mic-in
USB Port	USB2.0 x 4
Serial Port	RS-232 x 2, RS-232/485 x 1, RS-485 x 1
Storage Interface	SATA x 1, CF x 1
VGA	x1
LVDS	x1
HDMI	-
Expansion Slot	PCI-104 x 1
DIO	16 bit GPIO
Power	Power Input x 1
Others	Keyboard + Mouse x 1

### MECHANICAL AND ENVIRONMENTAL

Dimensions	116mm x 96mm (4.57" x 3.78")
Operating Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Storage Temperature	-40°C ~ 80°C (-40°F ~ 176°F)
Relative Humidity	5% ~ 95% Relative Humidity, Non-condensing

### Dimension (Unit: mm)

