



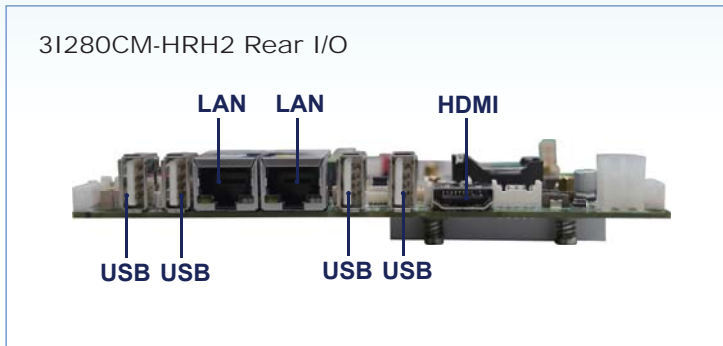
3I280CM Series

Intel® Atom™ N2800 1.86Ghz CPU, 3.5" SBC
On board DDR3,VGA, HDMI & LVDS
2 x Gb Ethernet, 2 x Mini PCIe, 9 x USB, 6 x COM
CPC-Car Power Control

Features

- Intel® Atom™ Dual Core processor N2800 1.86Ghz + ICH10R
- On board DDR3 2 Gb,
- CPC –Car Power Control
- Display: VGA, HDMI & LVDS,
- 2 x Realtek GbE LAN, 9 x USB 2.0, HD Audio , 6 x COM
- 2 x Mini PCIe

Back Panel



Specification:

MODEL	3I280CM-HR
CPU Type	Intel Cedarview-M N2800 1.86GHz (Dual core processor)
MB Chipset	Intel Cedarview-M and ICH10R
BIOS	Award BIOS
Graphics	Intel Cedarview-M Integrated Graphics chipset, N2800 640 MHz render clock frequency
System Memory	On board DDR3 SDRAM 2GB, N2800 Memory DDR3 data transfer rate of 1066MT/s
NAND flash memory	On board SSD 2/4/8/16/32/64 GBytes (option)
SATA	2 x SATA port 2.0 supported ,Data transfer rates up to 3.0 Gb/s (300 MB/s); 1 x mSATA share with mini PCIe (option); 1 x CFast
LVDS/Touch Screen	Single channel 18 Bits; USB interface Touch Screen Controller
Audio	Intel High Definition Audio Specification, Support Line-out/ Line-in / Mic-in, Audio Amplifier
LAN	2 x Realtek RTL8111F 10 / 100 / 1000 Mbps
IO Function	Internal x 1 RS485/422 , Internal x 5 RS232 or 485 ;Internal PS2 KB/ MS
USB	9 x USB 2.0 (4 x external +5x Internal)
DVI/HDMI	1 x HDMI support resolution 1920 x 1200
DIO & WDT	Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	2 x PCIe Mini card for PCIe by one and USB interface; 1x 3G SIM card socket (option)
Power	Wide range DC input from +6V ~36V, Power input Reverse protection to -60V; Power input Over surge protect. Ignition power on/off delay time; Battery under voltage power off (UVP) Software selectable power on /off delay time and under voltage level set.
Dimension	145 x 102 mm (3.5 inch)
Operation Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95%, non-condensing