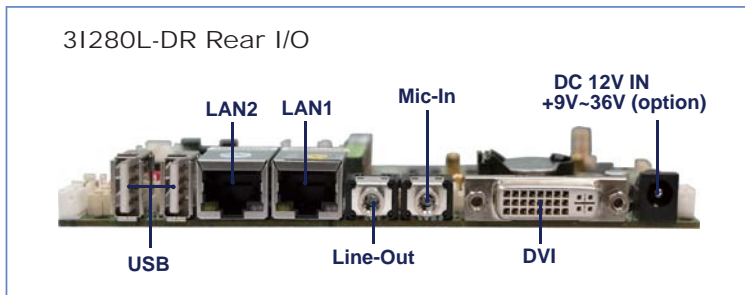


# 31280L Series

## Back Panel



- ▶ Intel® Atom™ N2800 1.86Ghz CPU, 3.5" SBC  
DDR3 SO-DIMM, VGA, DVI, LVDS  
2 x Gb Ethernet, 2 x Mini PCIe, 7 x USB, 6 x COM  
DP to LVDS 2CH 48 bits

### ▶ Features

- Intel® Atom™ Dual Core processor N2800 1.86Ghz + ICH10R
- DDR3 SO-DIMM x 1, Max up to 4GB
- Display: VGA, DVI & LVDS
- 2 x Realtek GbE LAN, 7 x USB 2.0, HD Audio, 6 x COM
- 2 x Mini PCIe

## Specification:

<b>MODEL</b>	31280L-DR
CPU Type	Intel Cedarview-M N2800 1.86GHz (Dual core processor) TDP 6.5W
MB Chipset	Intel Cedarview-M and ICH10R
BIOS	AMI BIOS
Graphics	Intel Cedarview-M Integrated Graphics chipset, N2800 640 MHz render clock frequency Support Directx® 9, Display Interface: LVDS, DVI, CRT
System Memory	DDR3 SODIMM SOCKET 1066MT/s, Max up to 4GB
NAND flash memory	On board SSD 2 / 4 / 8 / 16 / 32 / 64 GBytes (option)
LVDS/Touch Screen	DP to LVDS 2ch-48bits ; USB interface Touch Screen Controller (option)
SATA	2 x SATA port 2.0 supported, Data transfer rates up to 3.0 Gb/s (300 MB/s)
Audio	High Definition Audio Specification, External Line-out / Mic-in
LAN	2 x Realtek RTL8111F 10 / 100 / 1000 Mbps
IO Function	5 x RS232(Internal) ; 1 x RS422 / 485 (Internal) PS2 KB / MS (Internal)
USB	7 x USB 2.0 (2 x external + 5 x Internal)
DVI	1 x DVI-D 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 / USB interface 1 x 3G SIM socket
Power	Wide range DC input from +9V to +36V (Option), On board DC +12V,
Dimension	145 x 102 mm (3.5 inch)
Operation Temperature	-20 ~ 70 °C
Operation Humidity	5 ~ 95%, non-condensing