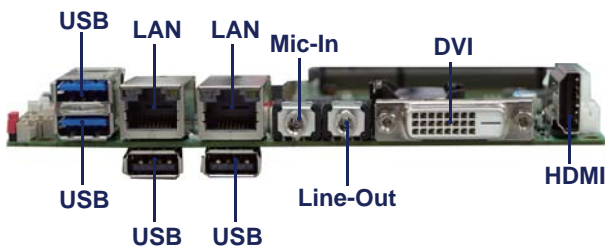


## 31847AW/CW Series

### Back Panel

31847A / 31847C Rear I/O



- Intel® Ivy Bridge 1047UE / i3 / i7 CPU, 3.5" SBC, DDR3 SO-DIMM, VGA, DVI, HDMI, LVDS, 2 x Gb Intel Ethernet, 2 x Mini PCIe, 1 x SIM card socket, 9 x USB, 6 x COM

### Features

- Embedded Intel® Ivy Bridge 1047 UE 1.4GHz, i3, i7 CPU+ Intel Pather Point (PCH) HM76
- DDR3 SO-DIMM Socket
- Display: VGA, DVI, HDMI & LVDS
- 2 x Intel GbE LAN, 2 x USB 3.0, 7 x USB 2.0, Line-out, Mic-in, 6 x COM
- 2 x Mini PCIe, 1 x SIM Card socket (option share on SSD)

### Specification:

MODEL	31847AW	31847CW
CPU Type	Intel® Ivy Bridge 1047 UE 1.4GHz, i3, i7 CPU	
MB Chipset	Intel Pather Point Platform Controller Hub (PCH) HM76	
BIOS	AMI BIOS	
Graphics	Intel Mobile Ivy Bridge 1047UE Processor Integrated Graphics DirectX* Video Acceleration (DXVA) ; Display Ports: CRT / DVI / HDMI & LVDS	
System Memory	Support DDR3 SO-DIMM, Max up to 8 GB	
NAND flash memory	On board SSD 2 / 4 / 8 / 16 / 32 / 64 GBytes (optional with SIM card Socket)	
SATA	1 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s) 1 x SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s) 1 x mini card socket for mSATA ; 1x on board NAND drive (Option)	
Audio	Intel High Definition Audio Specification, Support Line-out, Mic-in (external) ; Line-in (Option)	
LAN	2 x Intel 10 / 100 / 1000 Mbps	
LVDS/Touch Screen	LVDS (without Touch Screen)	Dual Ch 18 / 24 Bit LVDS ; USB touch screen controller
IO Function	5 x RS232 (internal) ; 1 x 422 / 485 (internal)	
USB	2 x USB 3.0 (external) on board ; 2 x USB 2.0 on board 5 x USB 2.0 (internal)	
DVI/HDMI	1 x DVI-D support resolution up to 1920 x 1200 ; 1 x HDMI 1.3a (Type A 19 Pin )	
DIO & WDT	Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable	
Expansion Interface	1 x PCIe Mini card for PCIe or USB interface 1 x PCIe Mini card for Auto detect PCIe & mSATA 2.0 / 3.0 or USB interface One 3G SIM card socket option share on board SSD	
Power	On board DC IN +12V for 31847A ; Wide Range DC IN +9~36 V for 31847AW ; CPC-Car Power Control optional for 31847AW	On board DC IN +12V for 31847C ; Wide Range DC IN +9~36 V for 31847CW ; CPC-Car Power Control optional for 31847CW
Dimension	146 x 102 mm (3.5 inch)	
Operation Temperature	-20°C ~ 60°C	
Operation Humidity	5 ~ 95%, non-condensing	