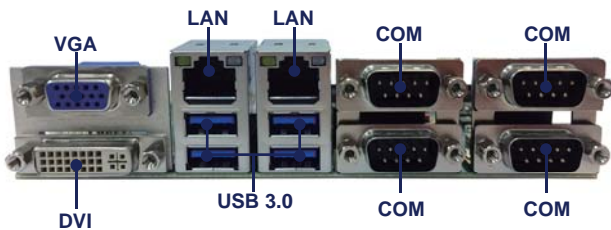


## 31385AW / CW Series

Back Panel

[www.kacer.com](http://www.kacer.com)

31385AW/CW Rear I/O



- ▣ Intel® Bay Trail D1900 / E3845 CPU, 3.5" SBC, DDR3L Memory, VGA, DVI, LVDS  
2 x Intel Gb Ethernet, 2 x Mini PCIe,  
1 x SIM card socket, 5 x USB, 6 x COM

▣ **Features**

- Embedded Intel® Bay Trail J1900 / E3845 CPU/ chipset,
- 1 x DDR3L SODIM socket, Max up to 8GB
- Multiple Independent display: VGA, DVI & LVDS
- 2 x Intel GbE LAN, 4 x USB 3.0, 1 x USB 2.0, 6 x COM
- 2 x Mini PCIe, 1 x SIM card socket

Specification:

| MODEL                 | 31385AW   | 31385CW   |
|-----------------------|---|---|
| CPU Type              | Bay Trail-D J1900 2.0Ghz (Quad Core processor)<br>Bay Trail-I E3845 1.91GHz (Quad core processor)   |   |
| MB Chipset            | Intel Bay Trail J1900 / E3845 chipset   |   |
| BIOS                  | Insyde UEFI BIOS  |   |
| Graphics              | Intel's 7th generation (Gen 7) graphics and media encode / decode engine,<br>Supports DX*11, OpenGL 3.0 (OGL 3.0), OpenCL 1.2 (OCL 1.2), OpenGLES 2.0 |   |
| System Memory         | 1 x DDR3L SODIMM max up to 8GB ; DDR3L 1333 MHz for E3845 / J1900   |   |
| DVI                   | 1 x DVI support resolution 1920 x 1200  |   |
| SATA                  | 1 x SATA ports 2.0 Data transfer rates up to 3.0 Gb/s (300 MB/s)<br>1 x mini card socket for mSATA  |   |
| Audio (option)        | Optional-High Definition Audio Specification, Support Line-out / Mic-in   |   |
| Amplifier (option)    | Optional-Two channel Class D Audio Amplifier ; 2.1W/Ch (Typ.) into a 4ΩLoad   |   |
| LAN                   | 2 x Intel 10 / 100 / 1000 Mbps  |   |
| LVDS / Touch Screen   | Optional  | 24bits / 2 channel LVDS up to 1920 x 1080 resolution<br>touch screen controller (USB interface) |
| IO Function           | 6 x RS232 / 422 / 485 (4 x external + 2 x internal)   |   |
| USB                   | 4 x USB 3.0 (external) ; 1 x USB 2.0 (internal)   | 4 x USB 3.0 (external) ;<br>1 x USB 2.0 (internal-optional to Touch Screen)                     |
| PS2 KB/MS             | Internal  |   |
| DIO & WDT             | Hardware digital Input & Output, 8 x DI / 8 x DO<br>Hardware Watch Dog Timer, 0~255 sec programmable  |   |
| Expansion Interface   | 1 x Full size mini card for PCIe / mSATA / USB<br>1 x Full size mini card for PCIe / USB, 1 x SIM socket  |   |
| Power                 | Wide Range DC in +9-36V   |   |
| Dimension             | 146 x 102 mm (3.5 inch)   |   |
| Operation Temperature | 0 ~ 60 °C   |   |
| Operation Humidity    | 5 ~ 95%, non-condensing   |   |