



31610BW/31610HW Series

- ▶ Intel® Skylake-U / Kaby Lake-U i7 / i5 / i3 / Celeron CPU, 3.5" SBC, DDR4 Memory, HDMI, VGA, LVDS, DI/DO, 7 x USB, 6 x COM, 3 x Intel Gb Ethernet, 2 x Mini PCIe, 1 x SIM card socket

▶ Features

- Embedded Intel® Skylake-U / Kaby Lake-U i7 / i5 / i3 / Celeron CPU / chipset
- 2 x DDR4 SODIM socket, Max up to 32GB
- Multiple Independent display: HDMI, VGA & LVDS
- 3 x Intel GbE LAN, 4 x USB 3.0, 3 x USB 2.0, 6 x COM
- 2 x Mini PCIe, 1 x SIM card socket

Specification:

| MODEL | 31610BW | 31610HW |
|-----------------------|--|--------------------------|
| CPU Type | Intel® Skylake-U / Kaby Lake-U i7 / i5 / i3 / Celeron CPU | |
| MB Chipset | Intel® Skylake-U / Kaby Lake-U i7 / i5 / i3 / Celeron chipset | |
| BIOS | Insyde UEFI BIOS | |
| Graphics | Intel's 9th generation (Gen 9) graphics and media encode / decode engine | |
| System Memory | 2 x DDR4 2133MHz SODIMM max up to 32GB | |
| DVI / HDMI | 1 x HDMI support resolution 3840 x 2160 1 x VGA support resolution 1920 x 1200 | |
| SATA | 2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (300 MB/s) 1 x mini card socket for mSATA | |
| Audio | High Definition Audio Specification, Support Line-out / Mic-in | |
| Amplifier | Two channel Class D Audio Amplifier ; 2.1W/Ch (Typ.) into a 4ΩLoad | |
| LAN | 3 x Intel (2 x I210 IT + 1 x I219LM) 10 / 100 / 1000 Mbps | |
| LVDS / eDP | 2 CH LVDS, up to 1920 x 1080 resolution | |
| IO Function | 6 x RS232 / 422 / 485 | |
| USB | 4 x USB 3.0 ; 3 x USB 2.0 | |
| PS2 KB/MS | Internal | |
| DIO & WDT | Hardware digital Input & Output, 16 x DI / 16 x DO Hardware Watch Dog Timer, 0~255 sec programmable | |
| Expansion Interface | 1 x Full size mini card for PCIe / mSATA / USB 1 x Full size mini card for PCIe / USB 1 x SIM socket | |
| Power | Wide Range DC in +9V~36V Battery Charger Function | Wide Range DC in +9V~36V |
| Dimension | 146 x 102 mm (3.5 inch) | |
| Operation Temperature | -20°C ~ 60°C | |
| Operation Humidity | 5 ~ 95%, non-condensing | |