



3I170HW Series

- ▶ Intel® Skylake-S / Kaby Lake-S i7 / i5 / i3 / Celeron CPU, All wafer SBC, DDR4 Memory, VGA, HDMI, LVDS, HD Audio, DI/DO
5 x GbE, 9 x USB, 2 x COM, 1 x M.2 B key, Touch Screen
1 x Mini PCIe, 1 x SIM card socket

▶ Features

- Embedded Intel® Skylake-S / Kaby Lake-S i7 / i5 / i3 / Celeron CPU / chipset
- 2 x DDR4 SODIM socket, Max up to 32GB
- Multiple Independent display: VGA, HDMI & LVDS
- 5 x Intel GbE LAN, 2 x USB 3.0, 7 x USB 2.0, 2 x COM, Touch Screen
- 1 x Mini PCIe, 1 x SIM card socket, 1 x M.2 B Key (Type 2242)

Specification:

MODEL	3I170HW
CPU Type	Intel® Skylake-S / Kaby Lake-S i7 / i5 / i3 / Celeron CPU (TPD Max 35Watt)
MB Chipset	Intel® Q170 chipset
BIOS	AMI 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 / DP / VGA	1 x HDMI support resolution 3840 x 2160 1 x VGA support resolution 1920 x 1200
LVDS	24 bit / 2 Channel, up to 1920 x 1080 resolution
Touch Screen	USB interface touch screen controller
SATA	2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (300 MB/s) ; 2 x mSATA (1 x mini card, 1 x M.2 B key)
Audio	High Definition Audio Specification, Support Line-out / Mic-in / Line-in
Amplifier	Two channel Class D Audio Amplifier ; 2.1W/Ch (Typ.) into a 4ΩLoad
LAN	5 x Intel10 / 100 / 1000 Mbps (1 x I219LM + 4 x I210 IT)
IO Function	2 x RS232 / 422 / 485 (internal)
USB	2 x USB 3.0 (internal) ; 7 x USB 2.0 (internal)
PS2 KB/MS	Internal
DIO & WDT	Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	1 x Full size mini card for PCIe / mSATA / USB 1 x SIM socket
Power	Wide Range DC in +9~36V
Dimension	160 x 122 mm
Operation Temperature	0 °C ~ 60 °C
Operation Humidity	5 ~ 95%, non-condensing