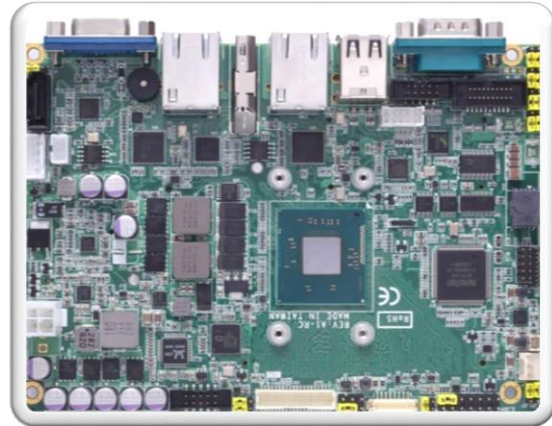




**Industrial 3.5" Embedded SBC
with onboard Intel® Celeron®
Processor J1900/N2807
LVDS/VGA/HDMI, LAN and Audio**



Features

- Onboard Intel® Celeron® processor
- Dual Gigabit Ethernet supported
- (1) SATA-300
- Watchdog & Hardware Monitor function
- HDMI/VGA/LVDS multiple display outputs

CPU

- Intel® Celeron® processor J1900 quad core or N2807 dual core onboard (Bay Trail)

Chipset

- SoC Integrated

System Memory

- (1) 204-pin DDR3L-1333 SO-DIMM up to 8 GB

Display Interface

- Integrated Intel® HD Graphics
- (1) HDMI, (1) VGA
- (1) LVDS 24 bit dual channel

Ethernet

- (2) 10/100/1000Mbps with Intel® i210AT
- Supports Wake-on-LAN, PXE Boot ROM

TPM

- ST ST33TPM12LPC with TPM 1.2 compliant

Audio

- Built-in HD Audio Codec with Realtek ALC662

I/O Interface

- (2) RS-232/422/485 & (2) RS-232
- (4) USB 2.0
- (1) 8-bit digital I/O interface

Onboard Expansion

- (1) Full-Size PCI Express Mini Card w/mSATA
- (1) Half-Size PCI Express Mini Card
- (1) SIM slot

Power Requirement

- 4-pin connector
- +12V DC-in
- AT Auto Power On function supported

Environment Spec

- -20°C ~ +70°C (-4°F ~ 158°F) operation
- Operation humidity under 10% ~ 95%

Dimension

- 146 x 104 x 1.6 mm

Ordering Information

- SBE-3506A2GNLH-J** With Intel® Celeron® processor J1900 (2~2.42 GHz, 2 MB Cache, 10W)
- SBE-3506A2GNLH-N** With Intel® Celeron® processor N2807 (1.58~2.16 GHz, 1 MB Cache, 4.3W)