



Industrial 3.5" Embedded SBC with Intel® 7th Core Processor, DDR4 memory, LVDS/VGA/DP++, Dual LANs and Audio, 12V DC input

Features

- Onboard Intel® 7th Core processor
- Dual Gigabit Ethernet supported
- Watchdog & Hardware Monitor function
- DP/VGA/LVDS multiple display outputs

CPU

- Onboard Core i7-7600U @2.8GHz (3.9GHz), 15W
- Onboard Core i5-7300U @2.6GHz (3.5GHz), 15W
- Onboard Core i3-7100U @2.4GHz, 15W

System Memory

- One 260-pin SO-DIMM supports DDR4 1866/2133 up to 16GB

Storage

- (1) SATA 3.0, (1) SATA power connector
- (1) M.2 B Key 2242 (PCIe/USB2.0/SATA3.0)

Display Interface

- Intel® HD graphic engine GT series
- (1) DP++, (1) VGA
- (1) LVDS 24-bit dual channel

Ethernet

- (1) Intel® I210AT Gigabit Ethernet controller
- (1) Intel® I219LM Gigabit Ethernet controller with iAMT 11.6
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

Audio

- Built-in HD Audio Codec with Realtek ALC888



I/O Interface

- (2) RS-232/422/485 serial ports
- (2) USB 2.0 & (4) USB 3.0
- (1) 8-bit digital I/O interface
- (1) SMBus

Onboard Expansion

- (1) Full-Size Mini PCI Express Mini Card with USB/PCIe supported

Power Requirement

- 4-pin connector, optional DC jack
- +12V DC-in

Environment Spec

- 0°C ~ +60°C operation
- Operation humidity under 10% ~ 95%

Dimension

- 146 x 102 x 1.6 mm

Ordering Information

SBE-3604AG2LP-7600U	With onboard Core i7-7600U
SBE-3604AG2LP-7300U	With onboard Core i5-7300U
SBE-3604AG2LP-7100U	With onboard Core i3-7100U