



**Industrial 3.5" Embedded SBC
with onboard Intel® Atom™
Processor E3845, LVDS/ VGA/
HDMI, Dual LANs, Audio**



Features

- onboard Intel® Atom™ processor E3845
- Dual Gigabit Ethernet supported
- (1) SATA-300
- Watchdog & Hardware Monitor function
- HDMI/VGA/LVDS multiple display outputs

CPU

- Onboard Intel® Atom™ processor E3845
@1.91GHz

Chipset

- SoC Integrated

System Memory

- (2) 204-pin SO-DIMM DDR3L-1066/1333 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® i211AT
- Supports Wake-on-LAN, PXE Boot ROM

Audio

- Built-in HD Audio Codec with Realtek ALC662

I/O Interface

- (1) RS-232/422/485 with +5V/+12V powered
- (1) RS-232
- (4) USB 2.0 and (1) USB 3.0 ports
- (1) 8-bit digital I/O interface
- (1) SATA-300

Onboard Expansion

- (1) Full-Size PCI Express Mini Card
- (1) Full-Size PCI Express Mini Card (USB only)

Power Requirement

- 4-pin connector
- +10V~24V 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-3503A2GNL	3.5" Embedded SBC with Intel® Atom™ processor E3845 1.91GHz and VGA/LVDS/HDMI, 2 GbE LAN and Audio
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