

IS-EBC3320 Series

Rugged X86 Box Type Embedded PC



The IS-EBC3320 Series Fanless Box PCs are the ideal hardware Platform for embedded and automation applications. Designed with an Intel® Celeron® Processor J1900, the new Bay Trail CPU offers the advantages of desktop performance with low power consumptions with a 9-36 V DC power input. The IS-EBC3320 Series have built-in USB slots, and are suitable for integrators who require software encryption. Featuring a rugged case designed to protect against electromagnetic interference, the IS-EBC3320 Series also include passive cooling design for quiet, fanless operation that even lower the power consumptions.

Key features

- ▶ Intel® Celeron® Processor J1900 (2.0 GHz)
- ▶ Support single channel DDR3L 1333 MHz SDRAM up to 8 GB
- ▶ 2 X GbE, 2 X USB 3.0, VGA & HDMI, audio Line out x 1
- ▶ Support 2.5" SATA HDD
- ▶ Support 1 (Half Size) + 1 (Full Size) shared with mSATA
- ▶ Support 9~36 V DC power input
- ▶ 0~50°C Operating temperature
- ▶ Fan Less, compact size design

Specification

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CPU	Intel® Celeron® Processor J1900 (2.0 GHz)
Memory	Single Channel DDR3L 1333 MHz SDRAM up to 8 GB 4 GB (204-pin)
Storages	Internal 2.5" HDD / SDD x1 (optional)
Operating System	Linux or Win7 / WES7 Win 8 (Optional)

Communication ports

Gigabit Ethernet	2
Standard	IEEE 802.3, Auto-MDI/MDIX, Auto-crossover, Full/Half duplex

I/O Interface

USB 2.0	2
Gigabit Ethernet port	2
VGA	1
HDMI	1
Audio Line-out	1
mini-PCle	1 (Half Size) + 1 (Full Size) shared with mSATA

Power

Input voltage	9~36V DC
On/Off	Power On/Off switch button

Indicators

Power status indication	Power On Button status
Ethernet port indication	Link & speed

Environmental and Compliances

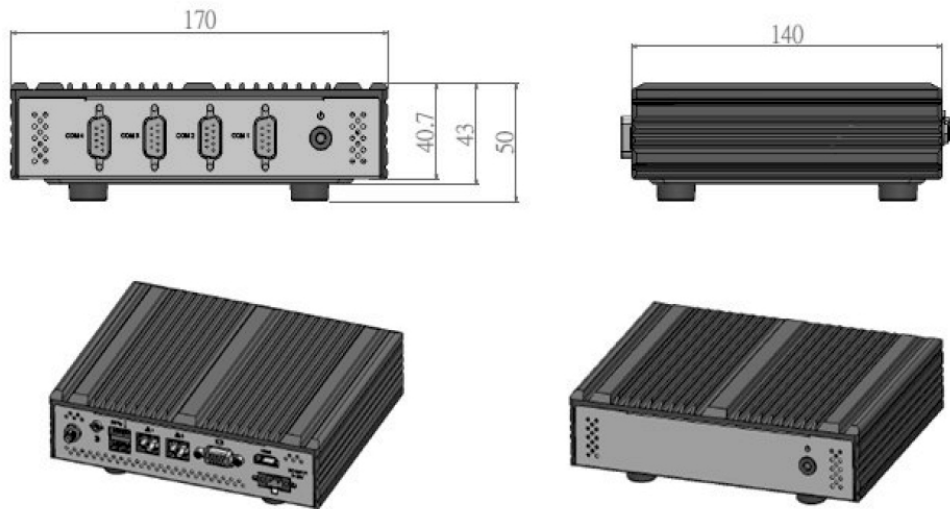
Operating Temperature	0~60°C
Storage Temperature	-40~75°C
Humidity	5~95% (Non-Condensing)
Vibration, shock, free fall	IEC-60068-6, -27, -32
Certification Compliance	CE, FCC
Electrical safety	CE

EMC	FCC Part 15, CISPR 22 (EN55022) Class A IEC-61000-4-2, -3, -4, -5, -6 (Level 1)
RoHS & WEEE	RoHS (Pb free) and WEEE Compliant
MTBF	>7 years

Mechanical

Protection	IP30
Dimension	203x170x55mm
Weight	2kg
Installation	Wall mounting

Dimension Diagram



Ordering Information

Available Models	Description
IS-EBC3320A	Intel® Atom™ J1900 2.0GHz Quad core processor + Intel® HD Graphics, Supports DDR3L 1333MHz, 1 x SO-DIMM up to 8GB USB 2.0 x 2 / GbE x 2 / line out / VGA x 1 / HDMI x 1, 9~36 VDC power input
IS-EBC3320B	/w extra RS-232 x 4 or (RS-232/422/485 x1) (RS-232 x 3)

Accessories

N/A