

# EBC10

› Fanless Embedded PC Intel® Celeron® J3455 / Atom® x5-E3940 Processor



## Features



- Optional support for low temperature environments
- Powered by highly cost performance SoC
- Storage support both 2.5" & mSATA type
- Support DC In 12V, 19V, 24V wide voltage power input

## Specifications

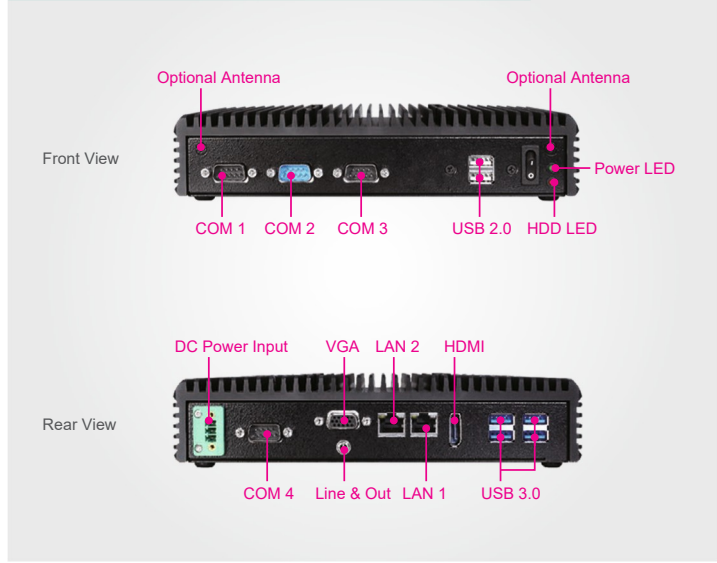


System	
CPU Support	Intel® Celeron® J3455: 10w, 4C, 1.5GHz Intel® Atom® x5 E3940: 10w, 4C, 1.6GHz
Memory Support	1 x SO-DIMM socket, supporting 1600/1866MHz DDR3L memory up to 8G (non-ECC)
API/SW/FW	Watchdog / HW monitor / fTPM
Storage Support	2.5" 7 mm SATAIII HDD or SSD drive space
Power Input	Wide-ranged voltage DC In 12V and 19, 24V
Power Adapter	60W adapter w/ lockable 3 pin terminal block
Operating System	Windows 10 64bit / Ubuntu 17.04 (kernel:4.4)
Expansion Slots	1 x full-sized mSATA slot (with USB signal) 1 x full-sized mPCIe slot (with USB signal)
System Weight	2 kg
Dimensions	218 x 45 x 148 mm (W x H x D)
Certifications	FCC / CE

I/O Ports (Front side)	
USB	2 x USB 2.0
Serial Ports	COM 1: RS232 COM 2: RS232/422/485 (selectable under BIOS) COM 3: RS232 with RI/5V/12V selectable by jumper
LED	1 x power LED, 1 x HDD LED
Antenna Hole	2 x antenna holes (supports up to two optional antenna)
Power On/Off	1 x power button

I/O Ports (Rear side)	
Power Input	3 pin DC In terminal block (lockable), supporting both 12V and 19V, 24V
Serial Ports	COM 4: RS232 w/ RI/5V/12V selectable by jumper
Display	1 x VGA, 1 x HDMI 1.4a
LAN	2 x LANs (supports Wake-On-LAN) LAN 1: Intel® I210IT LAN 2: Intel® I210IT
Audio	1 x Line Out
USB	4 x USB 3.0

## System Front View & Rear View



## Environment

Operating Temp. (Ambient with airflow)	Celeron J3455: 0°C~40°C (32°F~104°F) Atom E3940: -40°C~60°C (-40°F~140°F)
Storage Temp.	-40°C~85°C (-40°F~185°F)
Humidity	20%~90%

## Applications

- Automation
- Retail
- Transportation
- Information