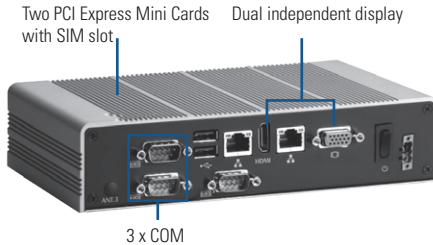


# eBOX626-841-FL/eBOX626-842-FL

Fanless Embedded System with Intel® Atom™ E3826 or Intel® Celeron® J1900, HDMI, VGA, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input



▲ Front view



## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ E3826 1.46 GHz Intel® Celeron® J1900 2.0 GHz
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM1/2) 1 x RS-232 (COM3) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	42.5W 10~34VDC
Operating Temperature	-20°C ~ +60°C (with E3826, W.T. SSD&DRAM/CAPA841) -20°C ~ +55°C (with J1900, W.T. SSD&DRAM/CAPA842)
Storage Temperature	-40°C~80°C (-40°F~+176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	200mm (7.87") (W) x 120mm (4.72") (D) x 46mm(1.81") (H)
Weight (net/gross)	1.1kg (2.43lb)/ 1.8kg (3.97)
Certificate	CE
EOS Support	WE8S, WE57

## Packing List

- 1 x quick manual
- 1 x driver cd
- 1 x screw pack
- 4 x foot pad

## Features

- Intel® Atom™ E3826 1.46 GHz dual-core or Intel® Celeron® J1900 2.0 GHz quad-core SoC
- 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
- Fanless operation design with full feature I/O
- 2 RS-232/422/485, 1 RS-232 and 4 USB 2.0 ports
- One 2.5" SATA drive bay and mSATA supported
- 2 PCI Express Mini Card slots and 1 SIM slot
- Supports VGA and HDMI dual display
- 10~34VDC wide range DC input

Intel® Atom™ E3826 /Intel® Celeron® J1900 SoC onboard



Three Antenna Opening

▲ Rear view

## Power Protection

### DC Version

OVP (over voltage protection)  
OCP (over current protection)  
UVP (under voltage protection)  
Reserve protection

## Ordering Information

### Standard

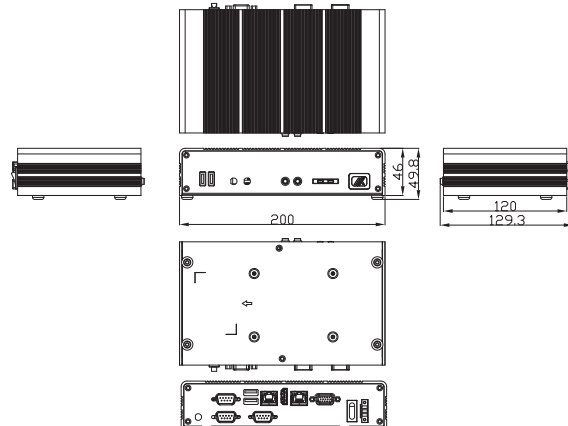
eBOX626-841-FL-DC	Fanless embedded system with Intel® Atom™ E3826 1.46 GHz dual-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input
eBOX626-842-FL-DC	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz quad-core SoC, VGA, HDMI, 2 GbE LAN, 4 USB, 3 COM and 10~34VDC input

### Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3L SO-DIMM	1 GB ~ 8 GB
VESA mount kit	82606200020E
Din-rail kit	82606200030E
wall mount	82606200010E
Wi-Fi module	
Power cord	

\*Specifications and certifications are based on options and may vary.

## Dimensions



Overview

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Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Industrial Firewall

Digital Signage Solutions

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories