

# eBOX730-860-FL

Fanless Embedded System with Intel® Core™ i7/i3 & Celeron® Processor,  
Isolated COM and Digital I/O

## Features

- 2nd generation Intel® Core™ i7/i3 & Celeron® B810 processor
- Intel® QM67 chipset
- 204-pin DDR3-1066/1333 SO-DIMM, up to 16GB
- 8 isolated RS-232/422/485 ports
- Supports Jumbo Frame (9K), WoL, PXE Remote Boot, vPRO, iAMT, Teaming
- One 2.5" SATA3 drive bay, CFast™
- 2 internal PCI Express Mini Card slots

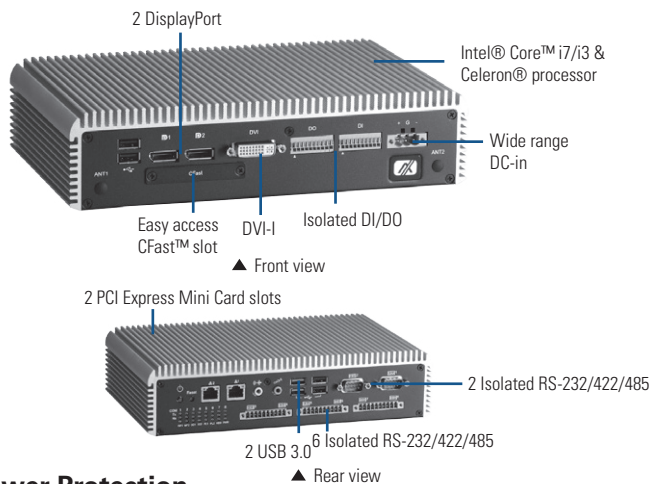


## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Core™ i7-2610UE/ i3-2340UE/ Celeron® B810 processor
System Memory	2 x 204-pin DDR3-1066/1333 SO-DIMM, up to 16GB
Chipset	Intel® QM67
BIOS	AMI UEFI BIOS
System I/O Outlet	8 x isolated RS-232/422/485 1 x DVI-I 2 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® 82574IT & 82579LM) 4 x USB 2.0 2 x USB 3.0 16 Isolated DI/DO (8 IN & 8 OUT) 2 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" SATA3 HDD drive bay 1 x CFast™ slot
Expansion Interface	2 x PCI Express Mini Card slots (USB+PCI Express signal) 2 x SIM slots
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active 2 x WWAN LED for status 8 x COM LED for status 2 x programmable LED
Power Supply	10 - 35 VDC
Operating Temperature	-20°C ~ +70°C (-4°F ~ +158°F) (with W.T. SSD)
Humidity	10% - 90%, non-condensing
Vibration Endurance	3 Grms w/ CFast™ (5 - 500Hz, X, Y, Z directions)
Dimensions	250 mm (9.84") (W) x 150 mm (5.9") (D) x 60 mm (2.36") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/ 4.6 kg (10.14 lb)
Certificate	CE
EOS Support	WE8S, WES7, Linux

## Packing List

- 1 x Quick manual
- 1 x Driver CD
- 1 x Screw pack
- 4 x Foot pad
- 1 x CF mylar
- 1 x DVI to VGA Connector
- 3 x DI/O connectors
- 1 x DC-in connector



## Power Protection

### DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- OCV (over current protection)
- OTP (over temperature protection)
- Reverse protection

## Ordering Information

### Standard

eBOX730-860-FL-2610UE-DC	Fanless embedded system with Intel® Core™ i7-2610UE 2.4 GHz processor, DVI-I, 2 DisplayPort, 2 GbE LANs, 6 USB, 8 isolated RS-232/422/485 and wide-range DC-in
eBOX730-860-FL-2340UE-DC	Fanless embedded system with Intel® Core™ i3-2340UE 1.3 GHz processor, DVI-I, 2 DisplayPort, 2 GbE LANs, 6 USB, 8 isolated RS-232/422/485 and wide-range DC-in
eBOX730-860-FL-B810E-DC	Fanless embedded system with Intel® Celeron® B810E 1.6 GHz processor, DVI-I, 2 DisplayPort, 2 GbE LANs, 6 USB, 8 isolated RS-232/422/485 and wide-range DC-in

### Optional

2.5" SATA HDD	40GB or above
2.5" SATA SSD	4GB or above
DDR3 SO-DIMM	1GB ~ 16GB
CFast™	512MB or above
Wi-Fi module	
3G module	
GPS module	
Graphic codec module	
Wall mount kit	8816K7300A0E
24 V 120 W Adapter	50966D45000E

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

## Dimensions

