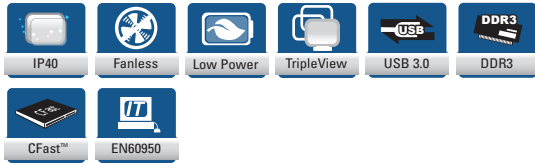
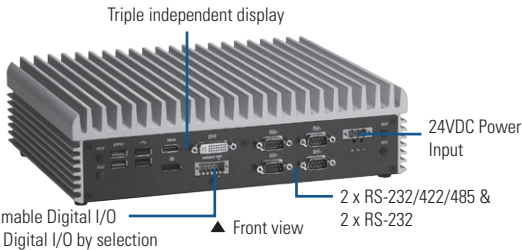


# eBOX671-885-FL

Intelligent Fanless Embedded System with Intel® Core™ i7/i5/i3 & Celeron® Processor, Intel® Q87, 4 PoE, 6 USB 3.0 ports, HDMI/ DVI/DisplayPort and 2 PCIe Mini Card

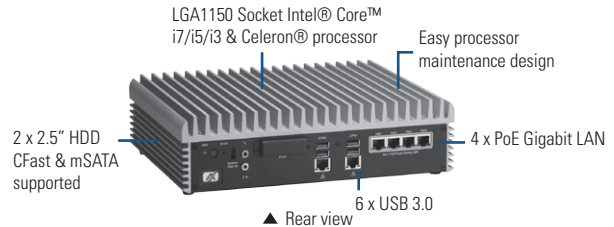


## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	4th Generation Intel® Core™ i7/i5/i3 & Celeron® processor with TDP max. up to 45W
System Memory	2 x 204-pin DDR3 1333/1600 SO-DIMM, max. up to 16 GB
Chipset	Intel® Q87
BIOS	AMI
System I/O Outlet	2 x 10/100/1000Mbps Ethernet (Intel® i210) 4 x 10/100/1000Mbps Power over Ethernet, PoE - 4ports full-load, IEEE802.3af Class 2 (7Watt) - 2ports full-load, IEEE802.3af Class 3 (15.4Watt) - 1ports full-load, IEEE802.3at Class 4 (30Watt) 2 x RS-232/422/485 & 2 x RS-232 8 channel programmable DI/DO (Default) 8 Isolated DI/DO (4 IN & 4 OUT) (Option) 6 x USB 3.0 2 x USB 2.0 1 x Audio (MIC_in/Line_out) 1 x DVI-I 1 x HDMI 1 x DisplayPort 1 x 24VDC Power input connector 1 x Power switch 1 x Reset switch 1 x Remote Power Switch 3 x Antenna opening
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	2 x 2.5" SATA HDD bay, max. height 9.5mm(RAID 0 & 1 supported) 1 x CFast™ (front access) 2 x mSATA
Expansion Interface	2 x Full-size PCI Express Mini Card slots (USB+PCIe signal) 1 x SIM Card slot
System Indicator	1 x Blue LED for system power 1 x Orange LED for HDD active
Power Supply	DC Input 24V
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F) (with W.T. SSD or CFast™, CPU TDP 35W)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	280 mm (11.02") (W) x 210 mm (8.27") (D) x 76 mm (2.99") (H)
Weight (net/gross)	4.31 kg (9.5 lb)/ 5.1 kg (11.24 lb)
Certificate	CE
EOS Support	WES7, WE8S, Linux

## Features

- 4th Generation Intel® Core™ i7/i5/i3 & Celeron® (Haswell and Haswell Refresh) processor with Intel® Q87
- Fanless operation design with 4CH GbE PoE
- Two 2.5" SATA HDD drive bay, mSATA and CFast™ slot
- Two internal PCI Express Mini Card slots, 1 x SIM Card slot
- Supports HDMI, DVI-I and DisplayPort for triple independent display
- Supports Isolated 8 Channel Digital I/O module (Optional)
- Supports RAID 0 & 1, Jumbo Frame (9.5K), WoL, PXE and Teaming



## Power Protection

### DC Version

OVP (over voltage protection)  
UVP (under voltage protection)  
OCP (over current protection)  
SCP (short circuit protection)  
Reserve protection

## Ordering Information

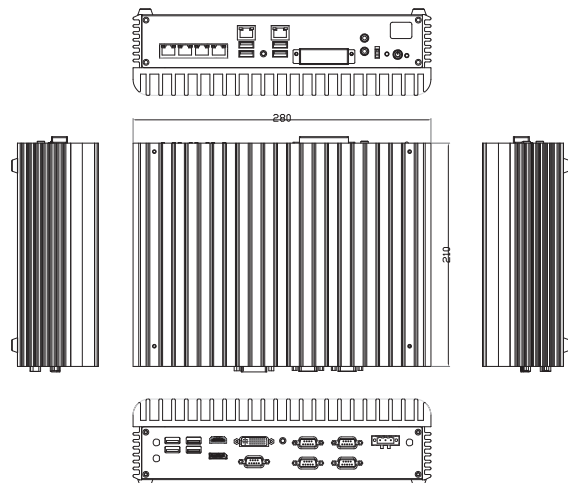
### Standard

eBOX671-885-FL-DC Fanless embedded system with LGA1150 socket for 4th Intel® Core™ i7/i5/i3 & Celeron® Processor, 4 CH PoE ports, 8 USB, HDMI/DVI/DisplayPort and 2 x PCIe Mini Card

### Optional

8CH Isolated DI/O Module	0 ~ 30Vdc Digital Input, 2KV Protection
2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3 SODIMM	1 GB ~ 8 GB
CFast™	512 MB or above
Wall Mount Kit	
Wi-Fi Module	
3G Module	

## Dimensions



Overview

1

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Industrial Firewall

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories

