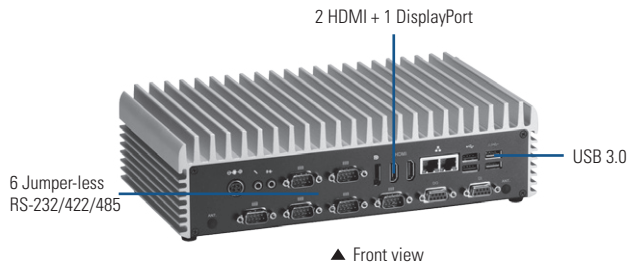


# eBOX635-881-FL

Fanless Embedded System with LGA1150 Socket 4th Generation Intel® Core™ i7/ i5/i3 & Celeron® Processor, Intel® H81, 2 HDMI/ VGA/ DisplayPort, 2 GbE LAN, USB 3.0, CFast™ and PCIe Mini Card



## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (CPU TDP max. up to 45W)
System Memory	1 x 204-pin DDR3-1333/1600MHz SO-DIMM max. up to 8 GB
Chipset	Intel® H81
BIOS	AMI
System I/O Outlet	6 x RS-232/422/485 (COM1 ~ 6) 2 x HDMI 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet (Intel® i210-AT, i217-LM) 2 x USB 3.0 4 x USB 2.0 16 x DI/DO (8 IN & 8 OUT) 3 x SMA type connector opening for antenna 1 x VDC 19/12VDC power input connector 1 x ATX power switch with status indicator
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CFast™ slot
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB and PCI Express signal) 1 x Half-size PCI Express Mini Card slot (USB and PCI Express signal) 1 x SIM slot
System Indicator	1 x orange LED for HDD active 1 x orange/blue LED for system status (in ATX switch)
Power Supply	Input: AC 90-264V, AC 150W Output: DC 19V @ 7.89A or Input: AC 90-264V, AC 102W Output: DC 12V @ 8.5A
Operating Temperature	-20°C ~ +50°C (with W.T. SSD, CPU TDP 35/45W)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5 - 500Hz, X, Y, Z directions)
Dimensions	280 mm (11.02") (W) x 150 mm (5.91") (D) x 67 mm (2.64") (H)
Weight (net/gross)	2.5 kg (5.51 lb)/ 4.5 kg (9.92 lb)
Certificate	CE, EN60950 compliance
EOS Support	WEBS, WES7, Linux

## Packing List

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

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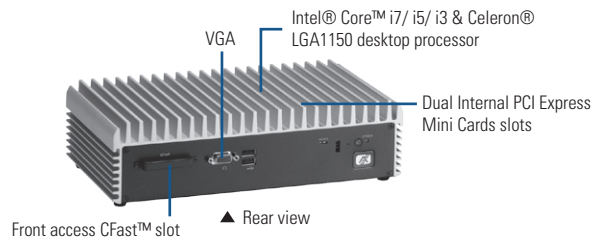
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www.sovio.com

Date:01.06.2016

## Features

- LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell/ Haswell-Refresh) with Intel® H81
- 204-pin DDR3-1333/1600 MHz SO-DIMM max. up to 8 GB
- One 2.5" SATA drive bay and 1 CFast™ slot
- 2 internal PCI Express Mini Card slots, 1 SIM slot
- Supports 2 HDMI, VGA and DisplayPort for dual independent display (H81) or triple independent display (Q87)
- Supports Jumbo Frame (9.5k), WoL, PXE Remote Boot, Teaming



## Power Protection

### AC Version

- OVP (over voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)

## Ordering Information

### Standard

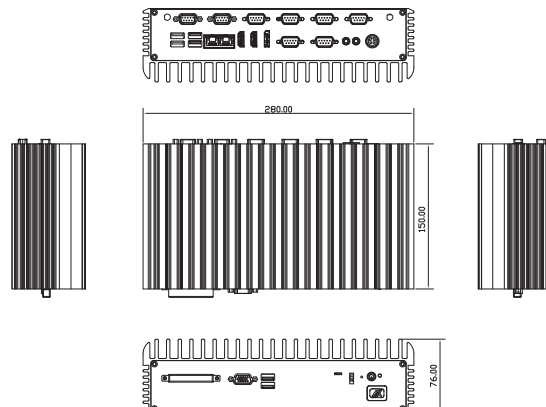
eBOX635-881-FL	Fanless embedded system with LGA1150 socket 4th generation Intel® i7/i5/i3 & Celeron® processor, 2 HDMI, VGA, DisplayPort, 2 GbE LAN, 2 USB 3.0, 6 COM ports and 19/12VDC adapter
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### Optional

2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 8 GB
CFast™	512 MB or above
Wi-Fi module	
3G Module	
GPS module	
Wall mount kit	8816K635010E
Din-rail kit	8816K671030E
Power Cord	

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

## Dimensions



\* All specifications and photos are subject to change without notice.