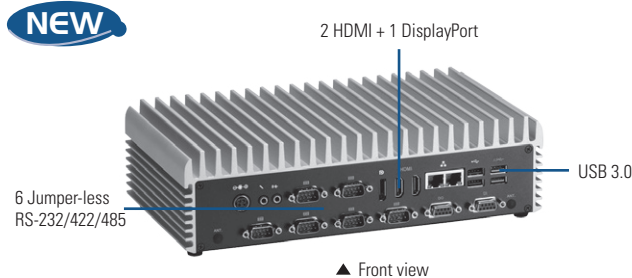


eBOX635-881-FL

Fanless Embedded System with LGA1150 Socket Intel® Core™ i7/ i5/ i3/ Celeron® processor, H81 PCH, 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 Intel® Core™ i7/ i5/ i3/ Celeron® processors
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-V) 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 19V 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	DC input 19V
Operating Temperature	-20°C ~ +50°C (with W.T. SSD, CPU TDP 35W)
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	3 Grms w/ 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)
Certification	CE, EN60950 compliance
EOS Support	WES8, WES7, Linux

- * XPE: Windows® XP Embedded
- * WES: Windows® XP Embedded Standard
- * WES7: Windows® Embedded Standard 7
- * WES8: Windows® Embedded Standard 8

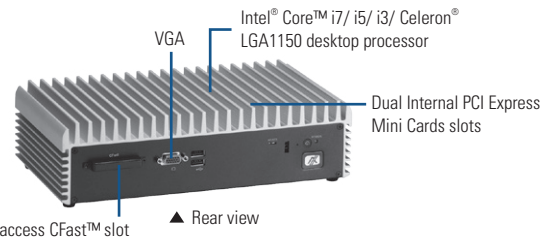
Packing List

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

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

- LGA1150 socket for 4th generation Intel® Core™ i7/ i5/ i3/ Celeron® processors (Haswell) with Intel® H81 PCH
- 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

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- OC (over current protection)
- SCP (short circuit protection)
- Reverse protection

Ordering Information

Standard

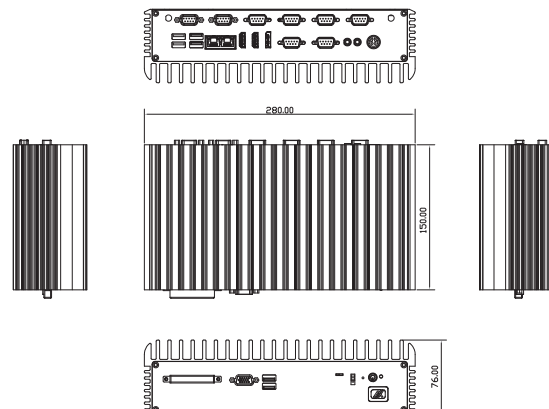
eBOX635-881-FL	Fanless embedded system with LGA 1150 socket for 4th Generation Intel® i7/ i5/ i3/ Celeron® processors, 2 HDMI, VGA, DisplayPort, 2 GbE LAN, 2 USB 3.0, 6 COM ports, 19VDC adapter
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Optional

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
Wifi module	
3G Module	
GPS module	
Wall mount kit	
Power Cord	

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

Dimensions



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Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories