

Intel Core i3/i5 High Performance Fanless Computer with two HDMI and Dual Gigabit Ethernet Ports



INTRODUCTION

The BIS-6861 is a small form factor fanless embedded PC based on Intel 5th Generation Core i3 or i5 Processor. The system supports two Gigabit Ethernet ports. The high performance CPU and graphic of this slim fanless computer fits perfectly for digital signage, kiosk, network security, IoT gateway and other industrial computer applications.

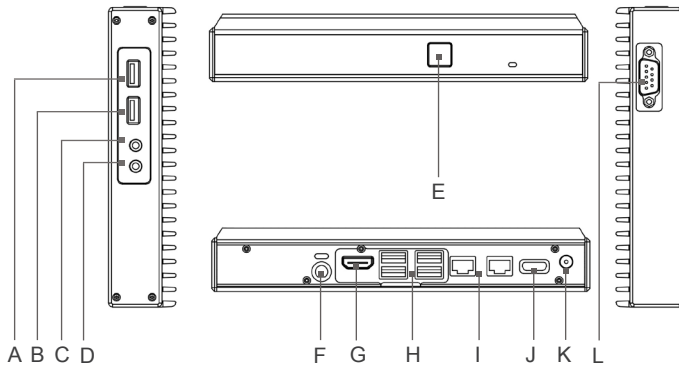
FEATURES

- Intel i3 5005U or i5 5200U Processor
- Built-in two Gigabit Ethernet ports and mini-PCIe WiFi option
- Two USB 3.0, four USB 2.0 ports and one optional RS-232
- Support dual HDMI dual independent display
- One 2.5" SATA 3.0 HDD/SSD drive bay and one mSATA slot
- Built-in one Mini PCIe with SIM card connector
- Slim vent-hole free dustproof fanless aluminum enclosure

SPECIFICATIONS

Model	BIS-6861-I3	BIS-6861-I5
Platform	Intel Broadwell	
Processor	Intel Core i3-5005U (3M Cache, 2.00 GHz)	Intel Core i5-5200U (3M Cache, up to 2.70 GHz)
System Memory	1 x 204-pin SO-DIMM slot, DDR3L 1333/1600 MHz, up to 8GB	
Ethernet	2 x 10/100/1000 Mbps Realtek 8111F GbE	
Storage	1 x 2.5" SATA 3.0 HDD/SSD drive bay, 1 x mSATA slot	
Graphic	Intel HD Graphics 5500	
Display Interface	1 x HDMI Type A and 1 x HDMI Type C	
I/O Ports	1 x RS-232 (optional) 4 x USB 2.0 2 x USB 3.0	
Expansion	1 x mini PCIe with SIM card connector	
WiFi	On-board mini-PCIe slot (module not included), internal and external antennas	
Watchdog timer	Built-in	
Power Input	12V/19V DC 2.5mm power jack	
Cooling	Fanless	
Enclosure Material	Aluminum	
Enclosure Color	Black	
Mounting Option	Support 75 x 75mm /100 x 100mm VESA mount, optional bracket	
Operating Temperature	-20 ~ 60°C (-28 ~ 140°F)	
Storage Temperature	-40 ~ 85° C (-40 ~ 185° F)	
Operating Humidity	10 ~ 95% @ 40°C (Non-Condensing)	
Dimensions	191 x 151 x 27 mm (7.5" x 5.4" x 1.1")	

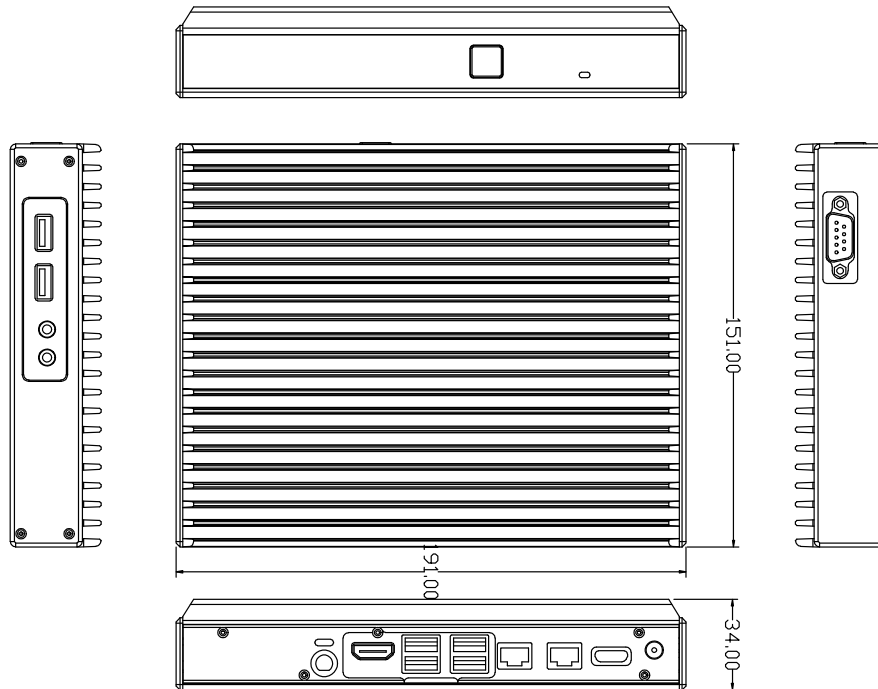
I/O LAYOUT



- A. 1 x USB 3.0
- B. 1 x USB 3.0
- C. Audio Out
- D. MIC In
- E. Power Button
- F. WiFi Antenna Connector
- G. HDMI 1
- H. 4 x USB 2.0
- I. 2 x GbE Ethernet
- J. HDMI 2
- K. DC Power In
- L. COM 1

DIMENSIONS

Unit: mm



ORDER INFORMATION

Part No.	Description
BIS-6861-I3	Intel Core i3 5005U Fanless Barebone Computer with two Ethernet
BIS-6861-I5	Intel Core i5 5200U Fanless Barebone Computer with two Ethernet
CBL-6774-VESA	75 x 75mm / 100 x 100mm VESA mount bracket