

## Intel 7th Generation Celeron, Core i3/i5 High Performance Fanless Computer with HDMI + DP and Dual Gigabit Ethernet Ports



### INTRODUCTION

The BIS-6862 is a small form factor fanless embedded PC based on Intel 7th Generation Celeron, Core i3 or i5 Processor. The system supports two Intel 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.

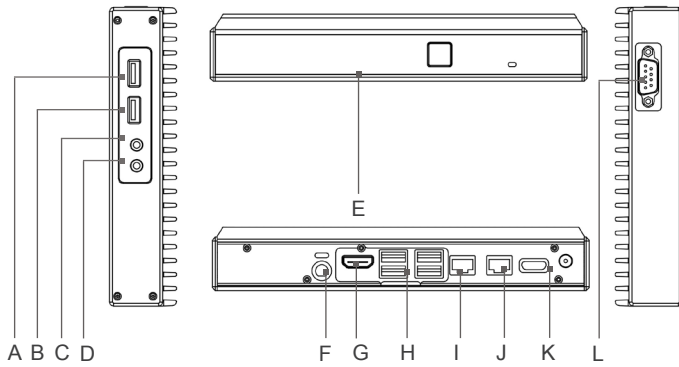
### FEATURES

- Intel Celeron, i3 7100U or i5 7200U Processor
- Built-in two Gigabit Ethernet ports and m.2 WiFi option
- Two USB 3.0, four USB 2.0 ports and one optional RS-232
- Support DP + HDMI dual independent display
- Two m.2 SATA slot
- Built-in m.2 expansion slot with SIM card connector
- Slim vent-hole free dustproof fanless aluminum enclosure

### SPECIFICATIONS

Model	BIS-6862-3865	BIS-6862-I3	BIS-6862-I5
Platform	Intel Kabylake		
Processor	Intel Celeron 3865U (2M Cache, 1.80 GHz)	Intel Core i3-7100U (3M Cache, 2.40 GHz)	Intel Core i5-7200 (3M Cache up to 3.10 GHz)
System Memory	2 x 260-pin SO-DIMM slot, DDR4 2133/1600 MHz, up to 32GB		
Ethernet	2 x 10/100/1000 Mbps Intel I211 GbE		
Storage	1 x m.2 2242/80 SATA slot, 1x m.2 2242 SATA slot		
Graphic	Intel HD Graphics 620		
Display Interface	1 x HDMI, 1x DP		
I/O Ports	1 x RS-232 (optional) 4 x USB 2.0 2 x USB 3.0		
Expansion	1 x m.2 2230 slot with SIM card connector		
WiFi	On-board m.2 2230 slot (module not included), external antenna connector		
Watchdog timer	Built-in		
Power Input	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 34 mm (7.5" x 5.4" x 1.34")		

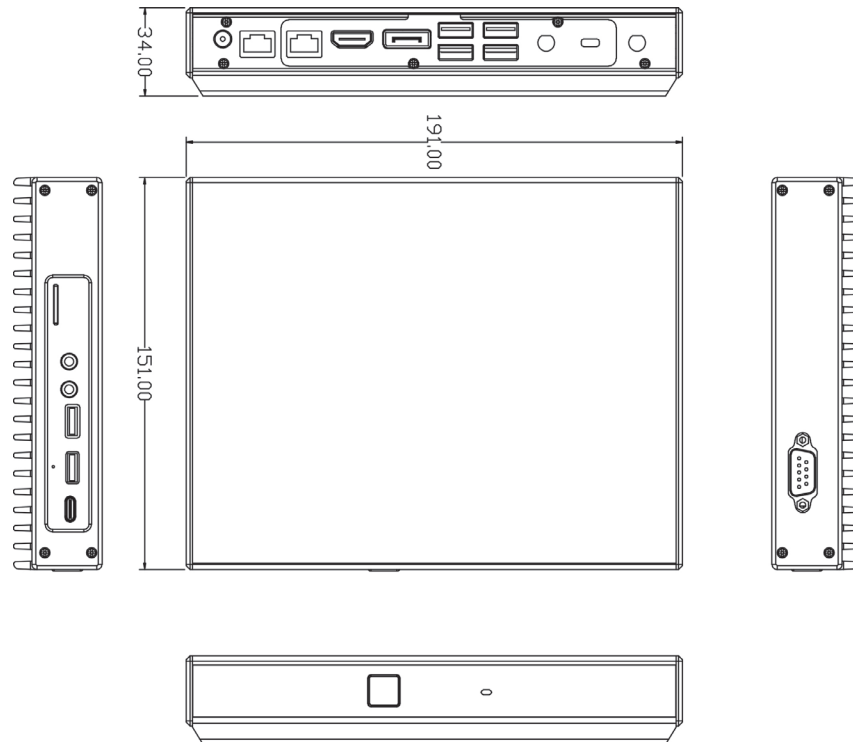
## I/O LAYOUT



- 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. 4 x USB 2.0
- H. DP
- I. HDMI
- J. 2 x GbE
- K. DC Power In
- L. COM 1

## DIMENSIONS

Unit: mm



## ORDER INFORMATION

Part No.	Description
BIS-6862-I3	Intel Core i3 7100U Fanless Barebone Computer with two Ethernet
BIS-6862-I5	Intel Core i5 7200U Fanless Barebone Computer with two Ethernet
BIS-6862-3865	Intel Celeron 3865U Fanless Barebone Computer with two Ethernet
CBL-6774-VESA	75 x 75mm / 100 x 100mm VESA mount bracket