



FEATURES

- Intel Celeron, i3 7100U Or i5 7200U Processor
- Two Built-In Gigabit Ethernet Ports & m.2 Wi-Fi Option
- Two USB 3.0, Four USB 2.0 Ports & One Optional RS-232
- Support DP + HDMI Dual Independent Displays
- Two m.2 SATA Slots
- Built-In m.2 Expansion Slot With SIM Card Connector
- Slim Vent-Hole Free Dustproof Fanless Aluminum Enclosure

The BIS-6862 is a small form factor, fanless embedded PC powered by an Intel 7th Generation Celeron, Core i3 or i5 Processor. The system supports two Intel Gigabit Ethernet ports and the latest m.2 expansion card slots. The high performance CPU and GPU of this slim, fanless computer is perfect for digital signage, kiosk, network security, IoT gateway and other industrial computer applications.

SPECIFICATIONS

SYSTEM

Processor	Intel Celeron 3865U (2M Cache, 1.80 GHz) Options: Intel Core i3-7100U (3M Cache, 2.40 GHz) Intel Core i5-7200 (3M Cache, 3.10 GHz)
Platform	Intel Kaby Lake
Memory	2x 260-pin SO-DIMM Slot, DDR4 2133/1600 MHz, Up To 32GB
Storage	1x m.2 2242/80 SATA Slot 1x m.2 2242 SATA Slot

DISPLAY

Interface	1x HDMI 1x DP
Graphic Controller	Intel HD Graphics 620

COMMUNICATIONS

Ethernet	2x 10/100/1000 Mbps Intel I211 GbE
Wi-Fi	On-Board m.2 2230 Slot (Module Not Included) External Antenna Connector

I/O INTERFACE

Audio	Audio-Out MIC-In
Ports	4x USB 2.0 2x USB 3.0 Option: 1x RS-232

EXPANSION I/O

Expansion	1x m.2 2230 Slot With SIM Card Connector
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MECHANICAL

Cooling	Fanless
Watchdog Timer	Built-in
Enclosure Material	Aluminum
Enclosure Color	Black
Mounting (Option)	Support 75 x 75mm / 100 x 100mm VESA Mount
Dimensions	191mm x 151mm x 34mm (7.5" x 5.4" x 1.34")

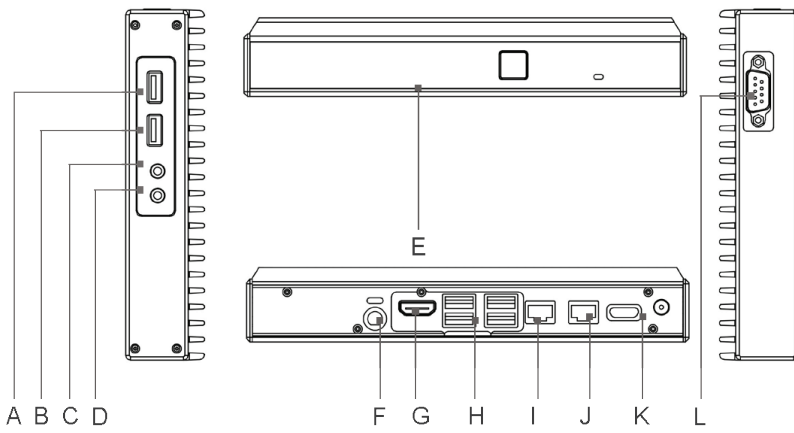
POWER

Input Voltage	19V DC 2.5mm Power Jack
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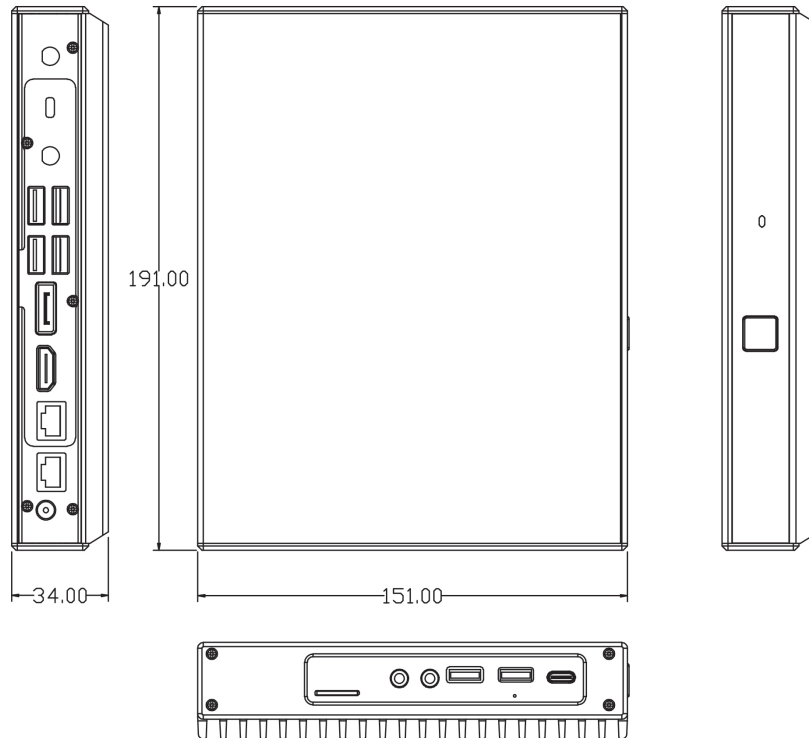
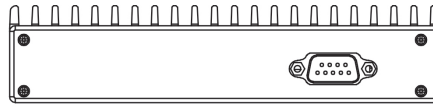
ENVIRONMENTAL

Operating Temp	-20°C to 60°C (-28°F to 140°F)
Storage Temp	-40°C to 85°C (-40°F to 185°F)
Humidity	10% to 95% @ 40°C (Non-Condensing)

*Specifications are representative. Specific product technology may be different than indicated.



- 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 in mm

ORDER OPTIONS

PART NUMBER	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