

Intel Celeron J1800/J1900 Fanless Computer with Dual RS-232 and up to Three Gigabit Ethernet Ports



INTRODUCTION

The BIS-6774 is a small form factor fanless embedded PC based on Intel Celeron Dual-Core J1800 or Quad-Core J1900 Processor. The system supports up to three Gigabit Ethernet ports. The rich I/Os and slim design of this fanless computer fits perfectly for digital signage, kiosk, network security, IoT gateway and other industrial computer applications.

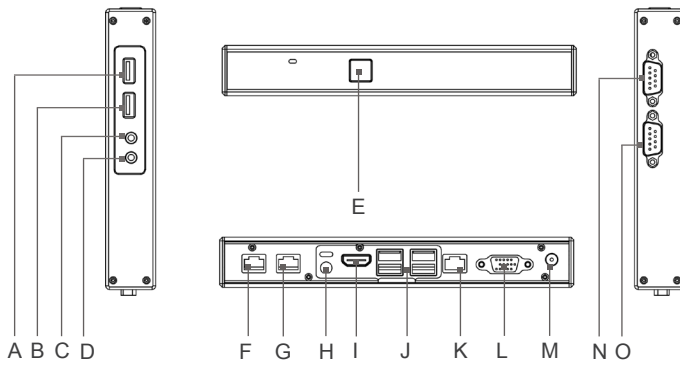
FEATURES

- Intel Celeron Dual-Core J1800 or Quad-Core J1900 Processor
- Support up to three Gigabit Ethernet port and mini-PCIe WiFi option
- Dual RS-232, one USB 3.0 and five USB 2.0 ports
- Support VGA and HDMI dual independent display
- One 2.5" SATA 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-6774-J1800	BIS-6774-J1900
Platform	Intel Bay Trail	
Processor	Intel Celeron J1800 (1M Cache, up to 2.58 GHz)	Intel Celeron J1900 (2M Cache, up to 2.42 GHz)
System Memory	1 x 204-pin SO-DIMM slot, DDR3L 1333 MHz, up to 8GB	
Ethernet	1 x 10/100/1000 Mbps RTL8111F GbE	3 x 10/100/1000 Mbps RTL8111F GbE
Storage	1 x 2.5" SATA HDD/SSD drive bay, 1 x mSATA slot	
Graphic	Intel HD Graphics	
Display Interface	1 x VGA, 1 x HDMI	
I/O Ports	2 x RS-232 5 x USB 2.0 1 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")	

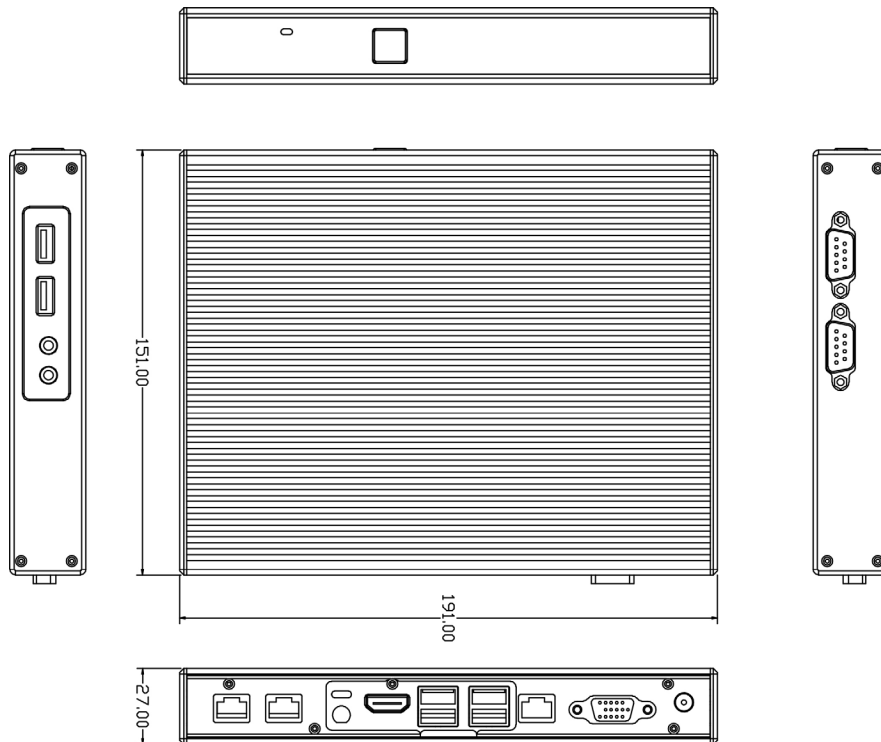
I/O LAYOUT



- A. 1 x USB 3.0
- B. 1 x USB 2.0
- C. Audio Out
- D. MIC In
- E. Power Button
- F. Ethernet 1 (J1900 only)
- G. Ethernet 2 (J1900 only)
- H. WiFi Antenna Connector
- I. HDMI
- J. 4 x USB 2.0
- K. Ethernet
- L. VGA
- M. DC Power In
- N. COM 2
- O. COM 1

DIMENSIONS

Unit: mm



ORDER INFORMATION

Part No.	Description
BIS-6774-J1800	Intel Celeron J1800 Fanless Barebone Computer with one Ethernet
BIS-6774-J1900	Intel Celeron J1900 Fanless Barebone Computer with three Ethernet
CBL-6774-VESA	75 x 75mm / 100 x 100mm VESA mount bracket