

iSBX-NA-J1900

iSBX-NB-J1900

Fanless Embedded Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz), VGA, HDMI, 4x USB Ports, Dual Gigabit Ethernet



FEATURES

- Fanless operation
- Low power consumption
- Intel® Celeron® 4-core J1900 onboard (Bay Trail-D)
- One DDR3L SO-DIMM max. up to 8 GB
- One HDMI & One VGA
- One mSATA supported
- Optional Wifi & Bluetooth Function*
- Optional 3G Module with SIM Slot*
- Supports VESA mount
- Supports Microsoft® Windows® 7/ Microsoft® Windows® 8.1 / Microsoft® Windows® 10

Introduction

iSBX-NX-J1900 Digital Signage Player supported by Intel® Celeron® 4-core J1900 onboard (Bay Trail-D) runs up to 2.4GHz with up to 8GB SO-DIMM, four USB Ports, one COM port, one VGA, one HDMI Ports, Dual Gigabit Ethernet, Single 12V DC-input.

iSBX-NX-J1900 is ideal for developing high-performance systems for Digital Signage Solutions for Retail Stores, Kiosk, Pharmacies, Transportation, Hospitality, Hotels, Libraries, Museums, Galleries, and Financial

Specification

System	
Processor	Intel® Celeron® 4-core J1900 onboard (Bay Trail-D)
BIOS	AMI 64M DPI Flash ROM
System Memory	One DDR3 SO-DIMM socket supports up to 8.0GB memory. Supports DDR3 1333 non-ECC memory
Chipset	-
Video	Integrated Intel HD Graphic card Support 1*VGA, 1*HDMI display input
Ethernet	Two Realtek® RT8111E on board for Gigabit LAN
On Board I/O	One RS-232 COM Port (RJ45 Connector) Three USB 2.0 ports One USB 3.0
Expansion Slot	One Mini PCIe socket on board supports WiFi, Bluetooth, 3G/4G One Mini PCIe socket for mSATA One SATA Connector (Only for iSBX-NB-J1900)
Watchdog Timer	Programmable watchdog timer for 1~255 Sec/Min
CMOS	On-board RTC with 242 bytes of Battery-back CMOS RAM
Audio	Integrated Realtek® ALC662 6 sound channel Support MIC in, Line-out
Power	12V DC Input
Cooling	-
Operating System	Windows® 7 , Windows® 8.1. Windows® 10

Power Requirement

Power Supply

Mechanical & Environment

Drive Bay	-
Dimension	136(W) x 36(H) x 124(D) mm 136(W) x 46(H) x 124(D) mm
Weight	Gross 2.5kg
Operation temperature	0°C to 60°C (32° F to 140° F)
Storage temperature	-40°C to 70°C (-68° F to 176° F)
Relative humidity	5% to 95% (Non-Condensing)

Ordering Information

Part No.	Description
iSBX-NA-J1900A-C1	Fanless Embedded Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz) with 4GB RAM/64GB mSATA SSD
iSBX-NA-J1900B-C1	Fanless Embedded Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz) with 4GB RAM/128GB mSATA SSD
iSBX-NB-J1900A-C1	Fanless Embedded Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz) with 8GB RAM/64GB SSD
iSBX-NB-J1900B-C1	Fanless Embedded Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz) with 8GB RAM/128GB SSD
Optional	
mPCIe-N6230	Mini PCIe Intel® Centrino® Advanced -N 6230 (Wifi+Bluetooth)
mPCIe-MU709S-2	Mini PCIe 3G Module (UMTS/HSPA+ 900/2100MHz) - Europe/China
mPCIe-MU708S-6	Mini PCIe 3G Module (UMTS/HSPA+ 850/1900/2100 MHz) - Asia Pacific/Latin America

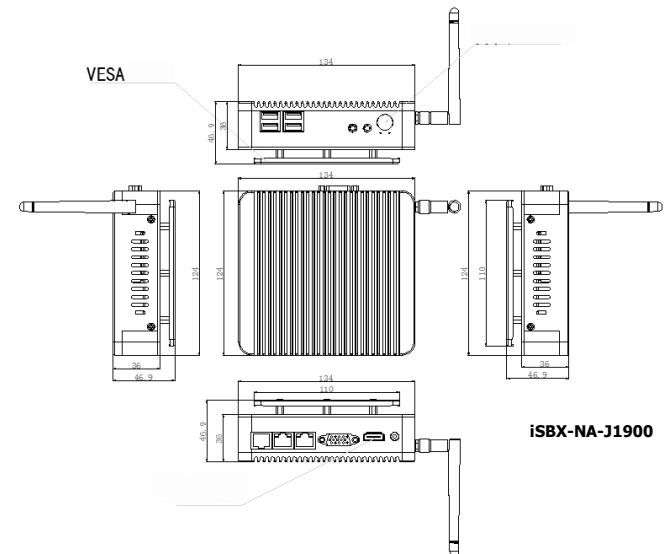
Packing

1x iSBX-NX-J1900
1x 12V/4A Power Adapter (48W)
1x Driver DVD
1x Power Cord
1x VESA Mount Bracket

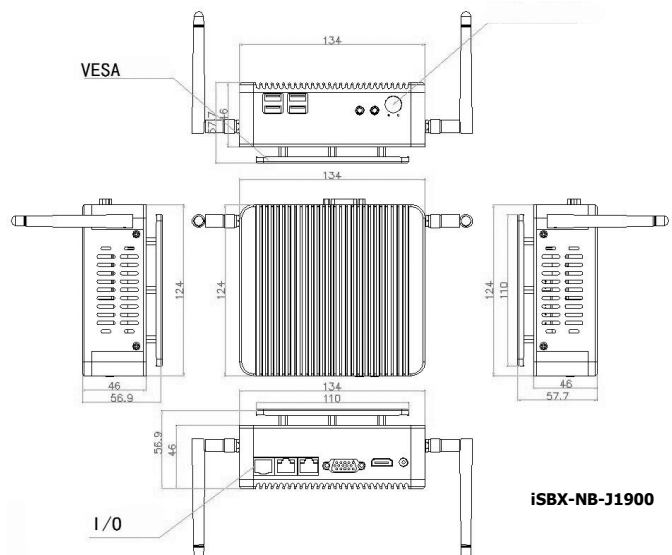
Product View



Dimension



iSBX-NA-J1900



iSBX-NB-J1900

SINETIC Technologies Inc. reserves the right to change or update without notice, any information contained herein; to change without notice, the design construction, materials, processing or specifications of any products and to discontinue or limit production or distribution of any products. © SINETIC Technologies Inc. All rights reserved. DMISBX-NX-J1900 Rev 1.0 Dated 201510