

iSBX-6702-J19

Intel® Bay Trail-D Celeron J1900 Processor based Embedded Box PC with 6x USB Ports/2x COM Ports/VGA/HDMI/Single Gigabit LAN



FEATURES

- Intel® Celeron® J1900 Processor onboard up to 2 GHz (Intel® Bay Trail-D Platform)
- Maximum TDP of Processor 10W
- One 204-pin DDR3-1066/1333 SO-DIMM up to 8.0 GB . Support Non-ECC, unbuffered memory only
- Single Realtek® RTL 8111E Gigabit Ethernet.
- Integrated Intel® HD Graphics with VGA/HDMI connectors
- RealTek® ALC662 High Definition Audio chip on-board
- Multi I/O: 6 x USB, 2 x COM ports, 2 x SATA
- Expansion Slot: 2x Mini PCIe Socket for Wifi/3G Support

Introduction

iSBX-6702-J19 is a Rugged Industrial Box Computer based on Intel® Celeron® J1900 Processor onboard up to 2 GHz (Intel® Bay Trail-D Platform) Processor. Packed with up to 8GB of System memory, 2 COM ports, 6 USB Ports, mSATA for Solid State Storage, 2 SATA Ports for SSD or Hard disk. iSBX-6702-J19 graphics are supported by Intel® integrated GMA3650 with VGA connector at the rear. System Sound is powered by Realtek® ALC662 chipset. Two Mini PCIe Expansion socket allows user to add WIFI/3G/Bluetooth modules to their applications.

iSBX-6702-J19 is ideal for Industrial Automation, Digital Signage, Kiosk, ATM, Networking that requires expansion slot for applications.

Specification

System	
Processor	<ul style="list-style-type: none">• Intel® Celeron® J1900 Processor onboard up to 2 GHz (Intel® Bay Trail-D Platform)• Max TDP 10W
BIOS	<ul style="list-style-type: none">• AMI 32MB SMT Flash ROM
System Memory	<ul style="list-style-type: none">• One 204-pin DDR3-1066/1333 SO-DIMM up to 8.0 GB
Chipset	<ul style="list-style-type: none">• SoC
Video	<ul style="list-style-type: none">• Integrated Intel® HD Graphic card support VGA, HDMI, LVDS input
Ethernet	<ul style="list-style-type: none">• Single Realtek® RTL-8111E Gigabit Ethernet controllers.• Support Wake-on-LAN
On Board I/O	<ul style="list-style-type: none">• 2x Serial ports• 2 Serial ATA ports• 1 Mini PCIe socket optional support mSATA module by jumper• Integrated Advanced Host Controller Interface (AHCI) controller• 6 USB 2.0 ports
Watchdog Timer	<ul style="list-style-type: none">• Programmable watchdog timer for 1~255 seconds.
Audio	<ul style="list-style-type: none">• Realtek® ALC662 high-definition audio chip on-board.• Support Line-OUT, MIC, CD-IN
Power	<ul style="list-style-type: none">• One 12V DC Power input
Cooling	<ul style="list-style-type: none">• One CPU cooling FAN connector nearby CPU socket• One system fan connectors for system cooling

Mechanical & Environment

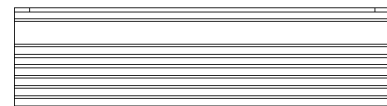
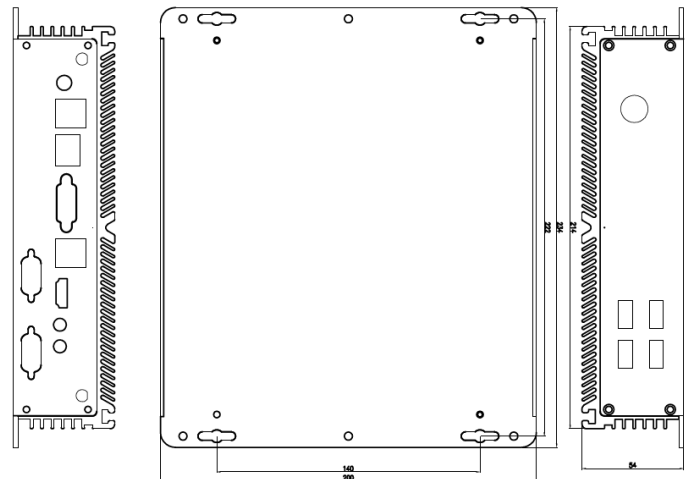
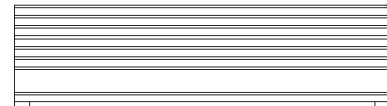
Form Factor	234 x 204 x 54 mm
Operation temperature	-20°C to 60°C (-4° F to 140° F)
Storage temperature	-20°C to 80°C (-4° F to 176° F)
Relative humidity	0% to 95% (Non-Condensing)

Ordering Information

iSBX-6702-J19-A	Intel® Bay Trail-D Celeron J1900 Processor based Embedded Box PC with 6x USB Ports/2x COM Ports/VGA/HDMI/Single Gigabit LAN/8GB RAM/500GB HDD
iSBX-6700-J19-B	Intel® Bay Trail-D Celeron J1900 Processor based Embedded Box PC with 6x USB Ports/2x COM Ports/VGA/HDMI/Single Gigabit LAN /8GB RAM/128GB SSD



Dimension



Please contact your Sales for more information on the WIFI, 3G/Bluetooth module solutions

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