

The BIS-6660C is NORCO-Habey's newest generation "ICEFIN" low power embedded industrial computer based on Intel's Bay Trail platform. The Intel Bay Trail platform utilizes Intel's latest SOC technology, significantly improving processing ability and cutting power consumption in half. Additionally, the Bay Trail processors increase HD performance with some applications running 15 simultaneous 1080p streams with no issues. The processors also increase security with Intel Advanced Encryption Standard (AES) New Instructions (NI) while also increasing ECC performance with advanced architecture for quality of services delivery.

There are an unlimited number of applications this system is suitable for including, energy control, digital signage, general warehouse control computer, industrial automation, science testing equipment, and many more.

BIS-6660C



Fanless Intel Bay Trail Embedded PC

Features:

- Highly Efficient Fanless Design with Vent-Hole Free Construction
- Utilizing latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC
- HDMI + VGA + DVI-D Dual Independent Display
- Mini-PCle Expansion with One SIM Socket for Wifi and 3G/4G Modules
- Two Gigabit Ethernet Ports and Six USB Ports
- Expandable to Six COM Ports with Up To 5 RS-485 Configuration

Specifications:

Processor D) SOC Chipset Intel Bay Trail SOC Platform System Memory 2x 204-Pin DDR3 SO-DIMM, Dual Channel Up To 8GB Ethernet 2x RJ45, Realtek RTL8111E GbE x2 Storage 1x SATA 6Gb/s 2.5" Drive Bay, 1x mSATA Option Via Mini-PCle Expansion 2x Mini-PCle, One With SIM Cooling System Fanless, ICEFIN ™ Design Power Supply 12V DC 3-pin Mini-DIN Power Jack Graphic Controller Intel Integrated HD Video With Gen 7 Graphics Video Memory Shared Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCle Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron	BIS-6660C	
System Memory 2x 204-Pin DDR3 SO-DIMM, Dual Channel Up To 8GB Ethernet 2x RJ45, Realtek RTL8111E GbE x2 Storage 1x SATA 6Gb/s 2.5" Drive Bay, 1x mSATA Option Via Mini-PCle Expansion 2x Mini-PCle, One With SIM Cooling System Fanless, ICEFIN ™ Design Power Supply 12V DC 3-pin Mini-DIN Power Jack Graphic Controller Intel Integrated HD Video With Gen 7 Graphics Video Memory Shared Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCle Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCle, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Processor	Intel Atom E38xx/J19xx/N29xx (formerly Bay Trail-I, M or D) SOC
Ethernet 2x RJ45, Realtek RTL8111E GbE x2 Storage 1x SATA 6Gb/s 2.5" Drive Bay, 1x mSATA Option Via Mini-PCIe Expansion 2x Mini-PCIe, One With SIM Cooling System Fanless, ICEFIN ™ Design Power Supply 12V DC 3-pin Mini-DIN Power Jack Graphic Controller Intel Integrated HD Video With Gen 7 Graphics Video Memory Shared Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCIe Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Chipset	Intel Bay Trail SOC Platform
Storage 1x SATA 6Gb/s 2.5" Drive Bay, 1x mSATA Option Via Mini-PCIe Expansion 2x Mini-PCIe, One With SIM Cooling System Fanless, ICEFIN ™ Design Power Supply 12V DC 3-pin Mini-DIN Power Jack Graphic Controller Intel Integrated HD Video With Gen 7 Graphics Video Memory Shared Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCIe Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	System Memory	2x 204-Pin DDR3 SO-DIMM, Dual Channel Up To 8GB
PCIe Expansion 2x Mini-PCIe, One With SIM Cooling System Fanless, ICEFIN ™ Design Power Supply 12V DC 3-pin Mini-DIN Power Jack Graphic Controller Intel Integrated HD Video With Gen 7 Graphics Video Memory Shared Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Interface 1x VGA-1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCIe Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Ethernet	2x RJ45, Realtek RTL8111E GbE x2
Cooling System Fanless, ICEFIN ™ Design Power Supply 12V DC 3-pin Mini-DIN Power Jack Graphic Controller Intel Integrated HD Video With Gen 7 Graphics Video Memory Shared Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCIe Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Features and Options Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop <td< td=""><td>Storage</td><td></td></td<>	Storage	
Power Supply 12V DC 3-pin Mini-DIN Power Jack Graphic Controller Intel Integrated HD Video With Gen 7 Graphics Video Memory Shared Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCle Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCle, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Expansion	2x Mini-PCle, One With SIM
Graphic ControllerIntel Integrated HD Video With Gen 7 GraphicsVideo MemorySharedDisplay Interface1x VGA, 1x HDMI, 1x DVI, Support Independent Dual DisplayDisplay ResolutionVGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200Serial Port1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC HeaderUSB1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCIeDigital I/O8bit GPIO Internal Terminal BlockAudioHD Audio, Realtek ALC892, Line-out, MIC-inRear Panel1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional)LED/Control1x Power Indicator, 1x HDD IndicatorWatchdog TimerProgrammable timer system resetFeatures and OptionsFanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port optionEnclosure MaterialsAluminum + SteelCoating ProcessesAluminum OxidationMounting OptionDesktopColorBlack (Default), Custom Color Available On OEM OrderOperating Temperature0 °C - 60 °C (32°F - 140 °F) Standard	Cooling System	Fanless, ICEFIN ™ Design
Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCIe Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Power Supply	12V DC 3-pin Mini-DIN Power Jack
Display Interface 1x VGA, 1x HDMI, 1x DVI, Support Independent Dual Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB	Graphic Controller	Intel Integrated HD Video With Gen 7 Graphics
Display Resolution VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200 Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCIe Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Video Memory	Shared
Serial Port 1x RS-232 DB9, 1x RS-232/422/485 DB9, Optional Add-On Of 4x RS-232 or RS-485 Ports Via LPC Header USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCle Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCle, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Display Interface	
USB 1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCle Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCle, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Display Resolution	VGA - 1920x 1200, DVI-D - 1920x 1200, HDMI - 1920x 1200
Digital I/O 8bit GPIO Internal Terminal Block Audio HD Audio, Realtek ALC892, Line-out, MIC-in 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Serial Port	
Audio HD Audio, Realtek ALC892, Line-out, MIC-in Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCle, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	USB	1x USB3.0, 5x USB2.0, 1x USB2.0 via mini-PCle
Rear Panel 1x VGA, 1x DVI-D, 1x HDMI, 2x COM, 2x RJ45, 6x USB, 2x Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Digital I/O	8bit GPIO Internal Terminal Block
Audio, 1x DC IN, 1x GPIO, 4x DB9 (optional) LED/Control 1x Power Indicator, 1x HDD Indicator Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Audio	HD Audio, Realtek ALC892, Line-out, MIC-in
Watchdog Timer Programmable timer system reset Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Rear Panel	
Fanless design with latest Intel Atom E3800 and Celeron N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCle, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	LED/Control	1x Power Indicator, 1x HDD Indicator
Reatures and Options N2000 and J 1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V DC input, support two mini-PCIe, 6 COM port option Enclosure Materials Aluminum + Steel Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Watchdog Timer	Programmable timer system reset
Coating Processes Aluminum Oxidation Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Features and Options	N2000 and J1900 Series SoC, Dual Intel Gigabit Ethernet ports, Intel 7 Gen. Graphic with VGA, DVI and HDMI display outputs, SATA III 2.5" HDD or SSD internal drive bay, 12V
Mounting Option Desktop Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Enclosure Materials	Aluminum + Steel
Color Black (Default), Custom Color Available On OEM Order Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Coating Processes	Aluminum Oxidation
Operating Temperature 0 °C - 60 °C (32°F - 140 °F) Standard	Mounting Option	Desktop
, , ,	Color	Black (Default), Custom Color Available On OEM Order
Dimensions 300mm × 219mm × 60mm (W×D×H)	Operating Temperature	0 °C - 60 °C (32°F - 140 °F) Standard
	Dimensions	300mm × 219mm × 60mm (W×D×H)









