Fanless Intel Bay Trail Embedded PC

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-PCIe 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:

BIS-6660C	
Processor	Intel Atom E38xx/J19xx/N29xx (formerly Bay Trail-I, M or 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-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
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
Color	Black (Default), Custom Color Available On OEM Order
Operating Temperature	0 ºC - 60 ºC (32ºF - 140 ºF) Standard
Dimensions	300mm × 219mm × 60mm (W×D×H)