

BIS-6660H

Rugged Fanless Industrial Box-PC with Intel® Core™ Processor (Skylake-U)



The BIS-6660H is based on U-series 6th generation Intel® Core™ 14nm BGA1356 processors (formerly Skylake). Skylake is Intel's next generation following the Broadwell product line. Skylake is based on new microarchitecture and is manufacturing on Intel's tri-gate 14nm process.

The processors also increase security with Intel® Advanced Encryption Standard (AES) New Instructions (NI) and Secure Key. DDR4 2133MHz memory up to 8GB, independent three-view display, 4x USB3.0, 2x USB2.0, 1x Mic-in, 1x Line-out are supported. BIS-6660H provides a SIM card socket for a mini-PCIe 3G/4G module.

Norco uses the unique ICEFIN™ cooling invention, an aluminum alloy/high quality galvanized steel metal case and a solid industrial-grade design. BIS-6660H meets diverse industry demands with powerful expansion. There are an unlimited number of applications this system is suitable for including energy control, digital signage, industrial automation, science testing equipment, smart home, intelligent transportation, retail, POS, IVI (In-Vehicle Infotainment) and other intelligent internet of things fields.

- Based on Intel® Skylake-U 14nm BGA1356 Processor
- Supports DDR4 2133MHz memory up to 8GB
- Provides 1x SIM card socket to support 3G/4G mini-PCIe modules
- 1x VGA, 1x DVI, 1x HDMI, supports independent three-view display
- 2x GbE LAN Ports
- Supports 2x COM interfaces, 4x USB3.0, 2x USB2.0, 1x SATA, 2x LAN
- Norco's new ICEFIN™ structure fanless design, supports quick installation, easy to install and maintain

Items	Descriptions
Processor	Intel® Core™ i5-6300U Processor (3MB Cache, up to 3 GHz, TDP 15W)
Chipset	Intel®
System Memory	1x SO-DIMM slot supports DDR4 2133MHz, up to 8GB
HDD/SSD	1x SATA2/SATA3 2.5" Drive Bay with
Ethernet	2x RJ45 GbE LAN, Wake on LAN supported
Expansion	2x mini-PCIe (one of them supports 3G/4G, one mSATA), 1x SIM card socket, LPC-Bus
Cooling System	Fanless, ICEFIN™ Design
Power Supply	DC 12V external power adapter
Graphic Controller	Intel® HD Graphics 520
System Control	Power switch
Display Interface	1x VGA, 1x HDMI, 1x DVI, supports Independent multi-view Display
Serial Port	2x COM
USB	2x USB2.0, 4x USB3.0
Digital I/O	GPIO (4x input, 4x output)
Wireless	1x 3G/4G/WiFi SMA Antenna (optional)
Audio	1x Line-out, 1x Mic-in
Rear Panel	1x VGA, 1x DVI, 1x HDMI, 2x COM, 2x RJ45, 2x USB2.0, 4x USB3.0, 2x Audio, 1x DC IN, 1x WIFI Antennae Jack (optional)
LED/Control	1x Power Indicator, 1x HDD Indicator
Watchdog Timer	Programmable timer system reset

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Items	Descriptions
Material	Aluminium alloy and high quality galvanized steel
Structure	Norco patent of new generation ICEFIN™ case
Mounting Option	Wall mounting or Desktop
Color	Black
Operating Temperature	0 °C - 60 °C
Storage Temperature	-40°C~85°C
Humidity	5%~95%, no condensing
Working Vibration	0.5g rms, 5-500Hz, random operating
EMC	CE/FCC Class B
Dimensions (WxDxH)	280 x 219.2 x 62 mm

