soncci

SCI-S4070	Dual Network Interface 6 Serial Port Fanless Embedded Industrial Computer

Key Features
- ●Supports Intel Celeron/Core i3, i5, i7 processors, integrated with Intel Core graphics
- ●Support for 1 SO-DIMM DDR3/4 memory slot, mSATA, M.2 solid-state drive
- ● Two gigabit network ports, supporting network wake-up and diskless boot, with an integrated SIM card slot, optional Wi-Fi/Bluetooth/4G module
- ● Equipped with 6 RS232 DB9 COM serial interfaces, COM1-2 support RS485 switching, and provide HDMI+VGA dual display output
- ● BIOS supports hardware reset via Watchdog watchdog and power-on startup function
- ● A compact and sturdy full-sealed aluminum alloy housing with a large-area aluminum fin fanless cooling structure, stable operation over a wide temperature range (-10 ~ 60℃)

Mini and compact, only the size of a palm, available in black/silver, supports embedded, wall-mounted, and desktop installation
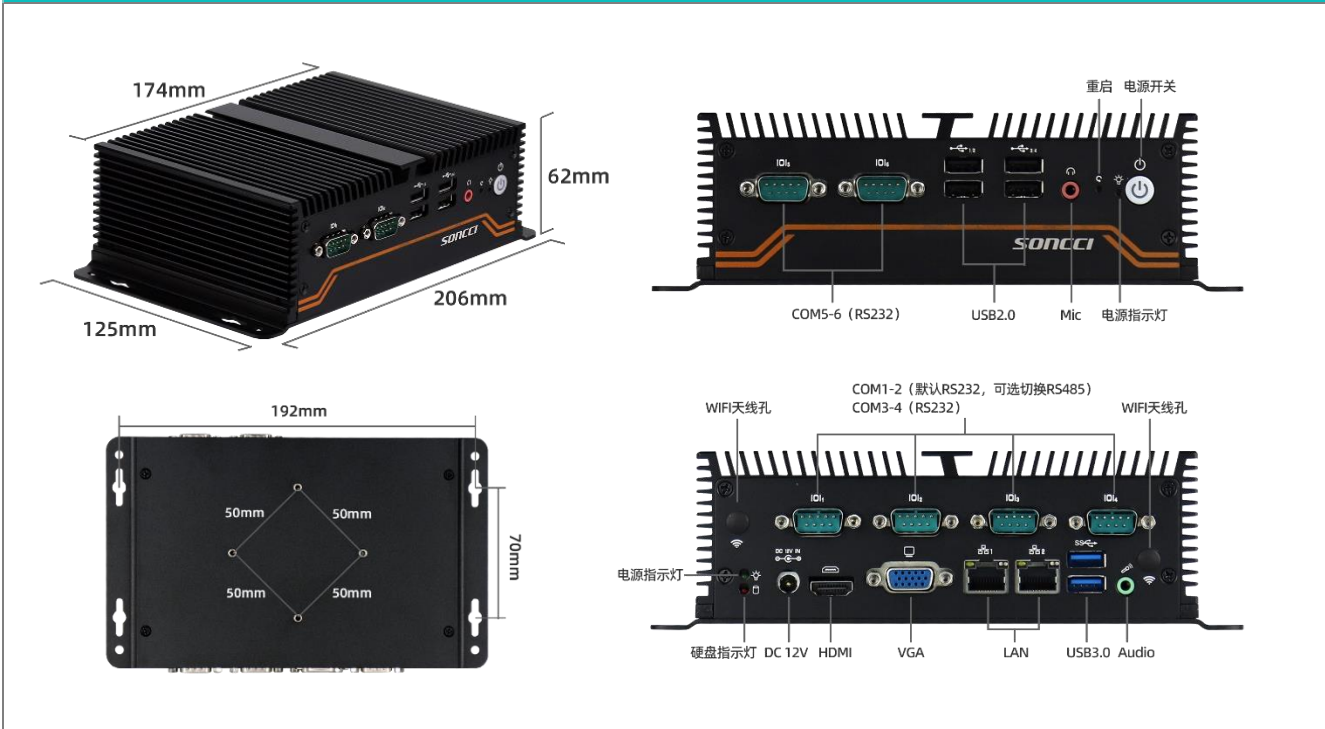
Product Introduction

    The SCI-S4070 fanless embedded industrial computer is equipped with Intel Celeron/Core processors, supports DDR3/4 memory, and offers a variety of choices for mSATA and M.2 storage. It is equipped with a rich array of interfaces, including LAN, COM RS232/485, USB, and HDMI+VGA dual display outputs. It is also expandable with WIFI/Bluetooth/4G modules and supports Windows and Linux operating systems.

    The whole-aluminum alloy shell has strong rigidity, and the aluminum fin design quickly dissipates the heat of the main unit. The internal structure without cables, fans, and the fully enclosed design effectively prevents dust from entering, ensuring stable operation of the main unit in a wide temperature range (-10 ~ 60℃). The embedded, wall-mounted, and desktop installation methods allow for quick and flexible installation, and it can be applied to fields such as industrial control, power systems, cloud terminals, security machine vision, mini servers, and smart cities.

Specification Parameters

System	C P U	intel i3-3217U / i5-3317U / J1900 / J4125 / J6412 / i5-6300U / i7-6500U / i5-7200U
	Display chips	Intel Core Graphics Card
	Memory Support	SO-DIMM DDR3/DDR4
	Hard Drive Support	mSATA SSD/2.5" SATA HDD
	Network card chip	Realtek RTL8111 Gigabit Network Card
	Audio chips	Integration
	Power characteristics	Input AC 220V, DC 12V power adapter
	Wireless Communication	Mini-PCIE slot (optional WIFI/Bluetooth/4G module)
	Operating System	Supports Windows/Linux
	B I O S	Support for power-on startup, scheduled startup, support for network wake-up, and diskless booting
	Watchdog	Watchdog supports hardware reset (256 levels, 0~255 seconds)
Interface	I/O Interface	6×USB、1×HDMI、1×VGA、2×LAN、1×Audio、1×Mic、6×COM、1×DC、1×Power、1×Reset、1×Power LED、1×HDD LED
	Expand Interface	1×SIM built-in card slot, 1× Mini-PCIE
Structure	Installation method	Supports embedded, wall-mounted, and desktop installation
	Product Dimensions	Host: 206×125×62mm, Packaging: 305×305×135mm
	Product Weight	Net Weight: 1.2 kg, Gross Weight: 2.0 kg
	Material Color	Case Material: Aluminum Alloy Chassis, Main Unit Color: Black/Silver
Environment	Environmental Temperature	Work Environment: -10℃ to 60℃, Transportation and Storage Environment: -20℃ to 70℃, Relative Humidity: 5%-95% (No Condensation)

	Resistant to shocks	Vibration Resistance: 5~500Hz, 2Grms random vibration; Shock Resistance Working Condition: 10G@11ms
	Anti-interference static electricity	Anti-interference: EMI/EMC interference detection standards; ESD static: Contact discharge ±8KV, air discharge ±15KV

Product Image

Dimensional interfaces

Order Information

Product Model	Standard Configuration
SCI-S4070	intel i3-3217U / 4G / 64G SSD

Optional Accessories and Configuration Upgrades

Component Name	Description
Wall Mount Bracket	For installation on the back of a monitor or on a wall
Host Configuration	CPU options include i5-3317U, J1900, J4125, J6412, i5-6300U, i7-6500U, and i5-7200U; memory options are 8G/16G; hard drive options are 128G/256G/512G/1TB SSD; dual-band 2.4G/5G Wi-Fi, Bluetooth, or 4G module can be installed; 6 COM ports are default RS232, with optional 2 switchable RS485; the case color options are black or silver.