

Dual Network Interface 4 Serial Port Fanless Embedded Industrial Computer



Key features:

- Supports Intel Core i3, i5, i7 processors, integrated Intel Core graphics
- Supports 1 SO-DIMM DDR3 memory slot, 2.5-inch SATA hard drive, mSATA 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
- Four RS232 DB9 COM serial interfaces, COM2-3 support RS485 switching, 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°C)
- The host is available in black/silver, with options for flush mount, wall mount, or desktop installation

Product Introduction

The SCI-S4080 fanless embedded industrial computer is equipped with an Intel Core processor, supports DDR3 memory, and offers a variety of storage options including 2.5-inch SATA and mSATA. 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 both 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°C). 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, network communication, self-service terminals, security machine vision, mini servers, and smart cities.

Specifications

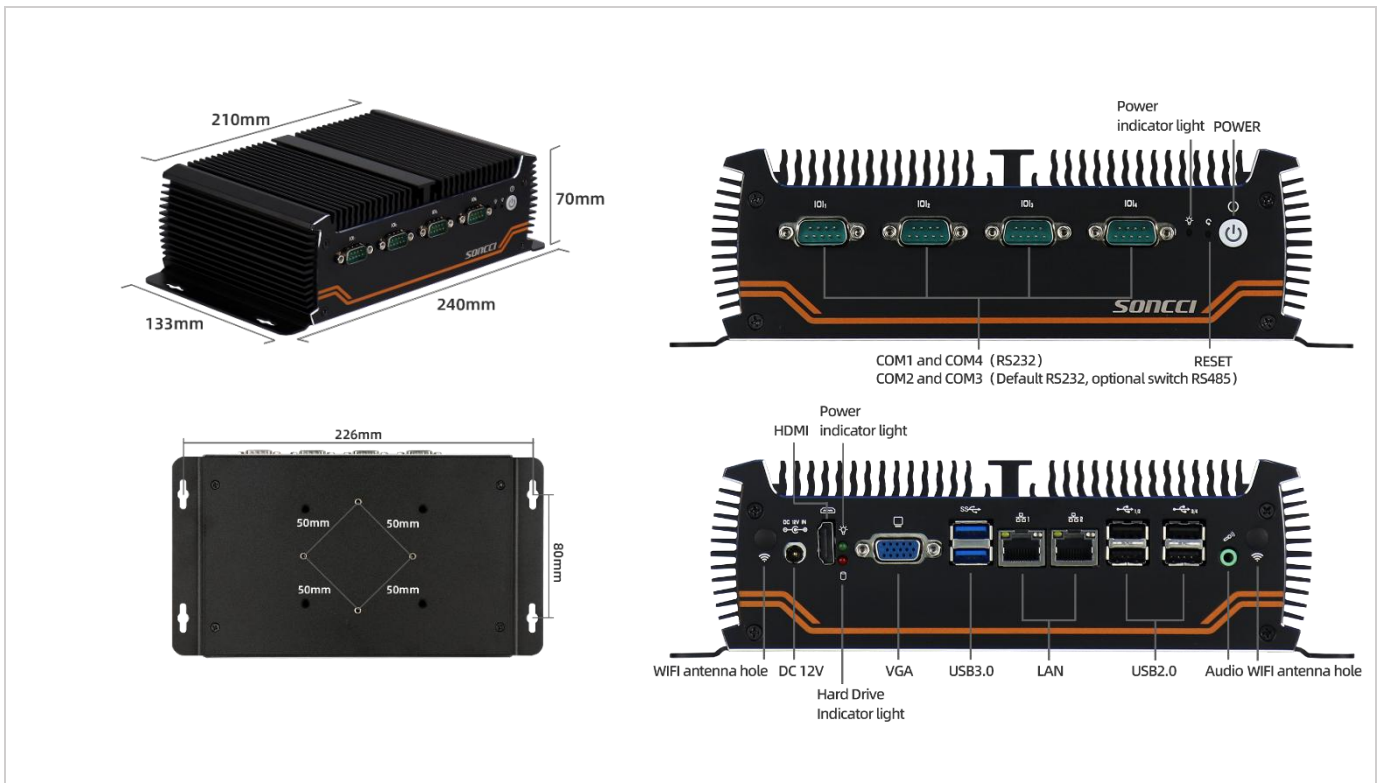
system	C P U	intel Core i5-4300U / i7-4600U / i3-5005U
	Display chips	Intel Core Graphics Card
	Memory support	SO-DIMM DDR3
	Hard disk support	mSATA solid-state drive/2.5-inch SATA hard drive
	Network card chip	Realtek RTL8111 Gigabit Network Card
	Audio chips	Integration
	Power supply characteristics	nput AC 220V, DC 12V power adapter
	Wireless communications	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	The watchdog supports hardware reset (256 levels, 0 to 255 seconds)	
interface	I/O interface	6 USB ports, 1 HDMI port, 1 VGA port, 2 LAN ports, 1 audio port, 4 COM ports, 1 DC port, 1 power port, 1 reset button, 1 power LED, 1 HDD LED
	Extended interfaces	1x SIM card slot, 1x Mini-PCIE
structure	Installation	Support embedded, wall-mounted, and desktop mounting
	Product dimensions	Host: 240×133×70mm, Packaging: 305×305×135mm
	Product weight	Net weight: 1.6 kg, Gross weight: 2.4 kg
	Material color	Aluminum alloy chassis, main unit color: black/silver
	Ambient temperature	Working environment: -10°C~60°C, transportation and storage environment: -20°C~70°C, relative

environment		humidity: 5%-95% (no condensation).
	Resistant to vibration shocks	Anti-vibration: 5~500Hz, 2Grms random vibration; Impact-resistant working condition: 10G@11ms
	Anti-interference static electricity	Anti-interference: EMI/EMC interference detection standard; ESD static electricity: contact discharge ± 8KV, air discharge ± 15KV

Product images



Dimensional interfaces



Ordering Information

Model	CPU	Cores	Processor	Memory	SSD	SATA	LAN	COM	HDMI	VGA	USB2.0	USB3.0	SIM	Power
SCI-S4080 (i5-4300U)	i5-4300U	2/4	1.90-2.90 GHz	DDR3	1	1	2	4	1	1	4	2	1	DC 12V
SCI-S4080 (i7-4600U)	i7-4600U	2/4	2.10-3.30 GHz	DDR3	1	1	2	4	1	1	4	2	1	DC 12V
SCI-S4080 (i3-5005U)	i3-5005U	2/4	2.00 GHz	DDR3	1	1	2	4	1	1	4	2	1	DC 12V

Configuration upgrade

name	description	remark
Memory sticks	4G / 8G / 16G	Optional
hard disk	64G / 128G/256G/512G/1TB SSD、500G/1TB/ 2TB 2.5" SATA hard drive	Optional
Wireless communication	2.4G/5G dual-band WIFI, Bluetooth or 4G module	Optional
COM port	The default RS 232 of the 6 COM ports is selected, and the switch of RS485 is optional for 2 COM ports	Optional
Case color	Black/ Silver	Optional

Accessories list

name	description	quantity	remark
Power adapter	DC 12V5A power adapter	1	Standard
Power cord	National standard, European standard, British standard, American standard, etc., length can be 1.5m / 2m / 3m / 5m / 10m	1	Optional
Warranty card	Soncci logo / neutral	1	Optional
Certificate	Soncci logo / neutral	1	Optional
Wall mount bracket	For mounting and hanging on the back of a monitor or hanging on a wall	1	Optional