

Dual network port and six serial port GPIO fanless embedded industrial PC

SCI-S4000C6

Introduction and features



The SCI-S4000C6 fanless embedded PC is powered by intel Celeron/Core processors, supports DDR3/4 memory, and offers a variety of options in 2.5-inch SATA, mSATA, and M.2 storage. It is equipped with a wealth of interfaces and buttons, including LAN, COM RS232/485, USB, GPIO, power-on DIP switch, SIM card slot, HDMI+VGA dual display, etc. expandable WIFI/Bluetooth/4G module, support Windows and Linux systems. The aluminum alloy shell of the whole machine has strong strength, the aluminum fin design quickly dissipates the heat of the host, and the internal cable-free fanless and fully enclosed structure effectively prevents dust from entering, ensuring the stable operation of the host in a wide temperature (-10 ~ 60°C) working environment. Embedded, wall-mounted, and desktop installation methods are fast and flexible for installation, which can be applied to industrial control, soft routing network security, self-service terminals, security machine vision, mini servers, smart cities and other fields.

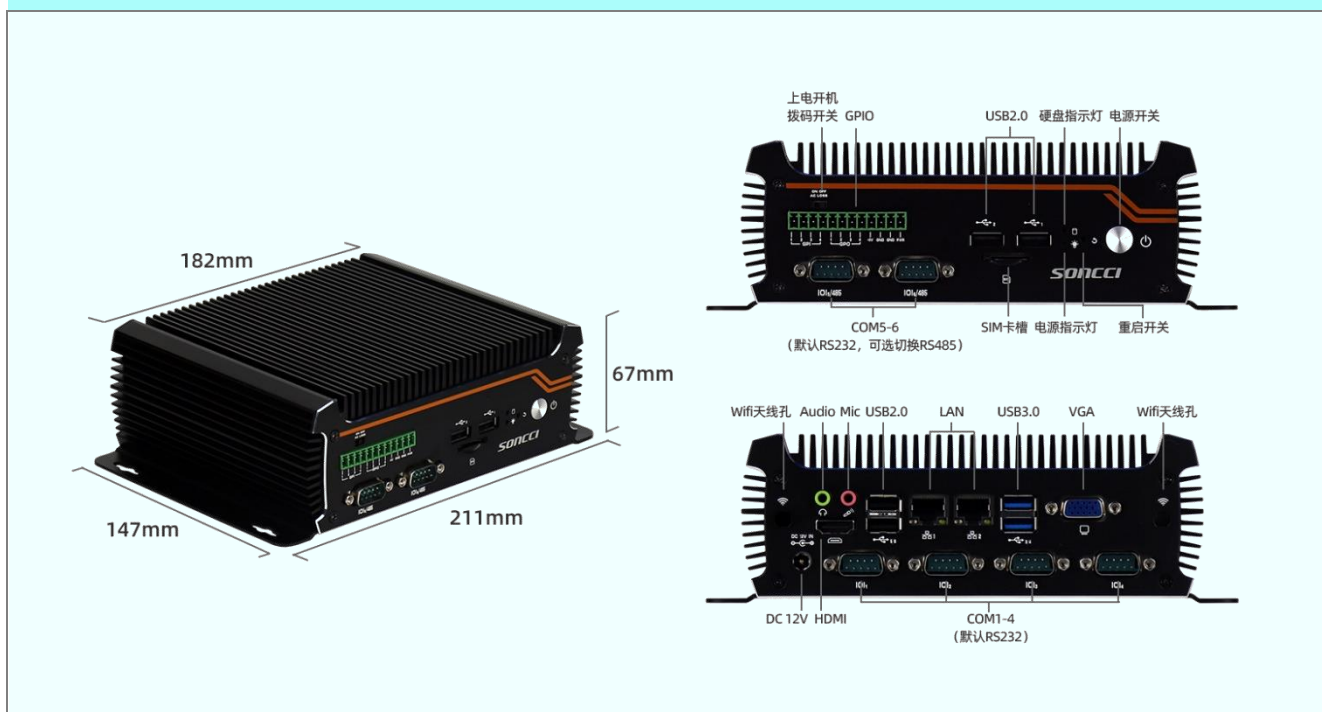
- Support intel Celeron/Core i3, i5, i7 processors, integrated intel HD graphics
- Supports 1 SO-DIMM DDR3/4 memory slot, 2.5-inch SATA hard drive, mSATA, M.2 SSD
- 2 Gigabit Ethernet ports, support Wake-on-LAN, diskless boot, with SIM card slot, optional WIFI/Bluetooth/4G module
- 6 RS232 DB9 COM serial interfaces, COM5/6 support RS485 switching, HDMI+VGA dual display output
- 1*12pin Phoenix terminal (including four input and four output GPIO/switch/5V), external power-on DIP switch
- Compact and sturdy fully sealed aluminum alloy chassis and large-area aluminum fin fanless heat dissipation structure, wide temperature (-10 ~ 60°C) stable operation
- Support Watchdog watchdog hardware reset, host black/silver optional, support embedded, wall-mounted, desktop installation

Specifications

System parameters	C P U	intel J1900 / 5205U / J4125 / J6412 / i3-5020U / i5-4310U / i5-6300U / i7-6650U / i5-7200U / i5-7360U / i7-7500U / i5-8265U / i7-8565U / i5-10210U
	Display chips	intel Core graphics card
	Memory support	SO-DIMM DDR3/DDR4

	Hard disk support	mSATA/M.2 SSD/2.5" SATA HDD
	Network card chip	intel i211 Gigabit LAN card
	Audio chips	integration
	Power supply characteristics	Input AC 220V, DC 12V power adapter
	Wireless communications	1*Mini-PCIE slot (optional WIFI/Bluetooth/4G module)
	I/O interface	6×USB、1×HDMI、1×VGA、2×LAN、1×Audio、1×Mic、6×COM、1×SIM Card slots、1×AC LOSS、1×GPIO、1×DC、1×Power、1×Reset
	operating system	Support Windows/Linux
	BIOS	supports power-on, timed boot, network wake-up, and diskless boot
	Watchdog	Watchdog supports hardware reset (256 levels, 0~255 seconds)
Structural parameters	Installation	Support embedded, wall-mounted, and desktop mounting
	Size	host:211×147×67mm, wrap:285×265×140mm
	Weight	net weight:1.6kg, gross weight:2.3kg
	Color	Aluminum alloy chassis, color: black/silver
	Ambient temperature	Working environment: -10°C~60°C; Transportation and storage environment: -20°C~70°C; Relative humidity: 5%-95% (non-condensing)
	Working vibration	0.5g rms/5-500Hz/random/operating

Interface size



Product images



Ordering Information

Product model	Standard configuration	Upgrades are optional
SCI-S4000C6	intel Celeron J1900	intel 5205U / J4125 / J6412 / Core i3、i5、i7
	4G DDR3 memory	8G DDR3/4
	64G SSD	128G/256G/512G/1TB SSD, 500G/1TB/2TB 2.5" HDD
	No WIFI	Optional addition of 2.4G/5G WIFI/Bluetooth, 4G module
	6 DB9 RS232 COM serial ports	2 RS485 COM serial ports
	Chassis black/silver	White, gray, etc