

Dual network ports wide voltage, three displays fanless industrial computer



Key features:

- Support intel Celeron/Core i3/i5/i7 CPU
- Support DDR3/DDR4 SO-DIMM memory slot, 2.5-inch SATA, Msata/M.2 SSD
- Support HDMI+HDMI+VGA triple display output, support 2 Gigabit Ethernet ports
- Support 9~36V wide voltage input, support 6 COM ports, including 2 DB9 interfaces support RS232, and 4 RS232/485 phoenix terminals, and do photoelectric isolation
- Support power-on power-on toggle switch, 2*10pin phoenix terminal, including four in and four out GPIO/with isolation/switch/5V
- Support embedded/wall-mounted/desktop installation, the aluminum alloy of the chassis is fanless, fully sealed and dust-proof, and the design is stable and reliable
- Suitable for industrial control/soft routing network security/industrial automation/security monitoring/mini server/smart city, etc

Product Introduction

The SCI-S4000H2 fanless embedded computer 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. Support HDMI+HDMI+VGA three display output, it is equipped with a wealth of interfaces and buttons, LAN, COM RS232/485, USB, GPIO, power-on toggle switch, SIM card slot, etc., expandable WIFI/Bluetooth/4G module, support Windows and Linux system.

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, transportation, self-service terminals, security machine vision, mini servers, smart cities and other fields.

Specifications

system	CPU	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
	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	9~36V wide voltage, external power adapter or open frame power supply
	Wireless communications	Mini-PCIE slot (*optional WIFI/Bluetooth/4G module).
	operating system	Support Windows/Linux
	B I O S	It supports power-on, timed boot, network wake-up, and diskless boot
interface	Watchdog	The watchdog supports hardware reset (256 levels, 0~255 seconds).
	I/O interface	7×USB, 2×HDMI, 1×VGA, 2×LAN, 1×PS/2, 1×Audio, 1×Mic, 6×COM, 1×AC LOSS, 1×GPIO, 1×DC, 1*3pin, 1×Power, 1×Reset, 1×Power LED, 1×HDD LED
structure	Extended interfaces	1×SIM external card slot, 1× Mini-PCIE
	Installation	Support embedded, wall-mounted, and desktop mounting
	Product dimensions	The main engine is 211×147×82mm, packing: 305×305×135mm

	Product weight	Net weight 1.8kg, gross weight: 2.8kg
	Material color	Aluminum alloy chassis, main unit color: black and silver
environment	Ambient temperature	Working environment: -10°C~60°C, transportation and storage environment: -20°C~70°C, relative 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	GPIO	LAN	COM	HDMI	VGA	USB2.0	USB3.0	SIM	Power
SCI S4000H2 (J1900)	J1900	4/4	2.00 2.42 GHz	DDR3	1	1	1	2	6	2	1	3	4	1	9~36V
SCI S4000H2 (5205U)	5205U	2/2	1.90 GHz	DDR4	1	1	1	2	6	2	1	3	4	1	9~36V
SCI S4000H2 (J4125)	J4125	4/4	2.00 2.70 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (J6412)	J6412	4/4	2.00 2.60 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i3 5020U)	i3 5020U	2/4	2.20 GHz	DDR3	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i5 4310U)	i5 4310U	2/4	2.00 3.00 GHz	DDR3	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i5 6300U)	i5 6300U	2/4	2.40 3.00 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i7 6650U)	i7 6650U	2/4	2.20 3.40 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i5 7200U)	i5 7200U	2/4	2.50 3.10 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i5 7360U)	i5 7360U	2/4	2.30 3.60 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i7 7500U)	i7 7500U	2/4	2.70 3.50 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i5 8265U)	i5 8265U	4/8	1.60 3.90 GHz	DDR4	1	1	1	2	6	2	1	1	4	1	9~36V
SCI S4000H2 (i7 8565U)	i7 8565U	4/8	1.80 4.60 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V
SCI S4000H2 (i5-10210U)	i5 10210U	4/8	1.60 4.20 GHz	DDR4	1	1	1	2	6	2	1	1	6	1	9~36V

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