

6 network ports, dual serial ports, GPIO, fanless embedded industrial computers



Key features:

- Support intel Celeron/Core i3, i5, i7 processors, integrated intel HD graphics
- Support 1 SO-DIMM DDR3/4 memory slot, 2.5-inch SATA hard disk, mSATA, M.2 solid state drive
- 6 Gigabit Ethernet ports, support Wake-on-LAN, PEX function, with SIM card slot, optional WIFI/Bluetooth/4G module
- 1 CISCO (RJ45) serial interface supports RS232, 1 COM (DB9) serial interface supports RS485/RS422 switching,
- Support independent dual display, 1*HDMI and 1*VGA dual display output
- 1 x 12pin phoenix terminal (including four input and four output GPIO/switch/5V), external power-on toggle 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
- Watch Dog supports hardware reset function, adopts all-aluminum black+ silver two-color design, and supports embedded, wall-mounted, and desktop installation

Product Introduction

The SCI-S4000L4 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. It is equipped with rich interfaces and buttons, 6 Gigabit Ethernet ports, supports Wake-on-LAN and PEX functions, with SIM card slots, 1 CISCO (RJ45) serial interface supports RS232, 1 COM (DB9) serial interface supports RS485/RS422 switching, supports VGA and HDMI dual display, 1 2PIN Phoenix terminal, supports four-in and four-out GPIO, switch; 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, 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	Input AC 220V, DC 12V power adapter
	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
	Watchdog	The watchdog supports hardware reset (256 levels, 0~255 seconds).
interface	I/O interface	6×USB、1×HDMI、1×VGA、6×LAN、1×Audio、1×Mic、2×COM、1×AC LOSS、1×GPIO、1×DC、1×Power、1×Reset、1×Power LED、1×HDD LED
	Extended interfaces	1×SIM external card slot, 1× Mini-PCIE
structure	Installation	Support embedded, wall-mounted, and desktop mounting
	Product dimensions	The main engine is 211×147×67mm, packing: 305×305×135mm

	Product weight	Net weight 1.6kg, gross weight: 2.4kg
	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 S4000L4 (J1900)	J1900	4/4	2.00 2.42 GHz	DDR3	1	1	1	6	2	1	1	5	1	1	DC 12V
SCI S4000L4 (5205U)	5205U	2/2	1.90 GHz	DDR4	1	1	1	6	2	1	1	4	2	1	DC 12V
SCI S4000L4 (J4125)	J4125	4/4	2.00 2.70 GHz	DDR4	1	1	1	6	2	1	1	4	2	1	DC 12V
SCI S4000L4 (J6412)	J6412	4/4	2.00 2.60 GHz	DDR4	1	1	1	6	2	1	1	4	2	1	DC 12V
SCI S4000L4 (i3 5020U)	i3 5020U	2/4	2.20 GHz	DDR3	1	1	1	6	2	1	1	4	2	1	DC 12V
SCI S4000L4 (i5 4310U)	i5 4310U	2/4	2.00 3.00 GHz	DDR3	1	1	1	6	2	1	1	4	2	1	DC 12V
SCI S4000L4 (i5 6300U)	i5 6300U	2/4	2.40 3.00 GHz	DDR4	1	1	1	6	2	1	1	2	4	1	DC 12V
SCI S4000L4 (i7 6650U)	i7 6650U	2/4	2.20 3.40 GHz	DDR4	1	1	1	6	2	1	1	2	4	1	DC 12V
SCI S4000L4 (i5 7200U)	i5 7200U	2/4	2.50 3.10 GHz	DDR4	1	1	1	6	2	1	1	2	4	1	DC 12V
SCI S4000L4 (i5 7360U)	i5 7360U	2/4	2.30 3.60 GHz	DDR4	1	1	1	6	2	1	1	2	4	1	DC 12V
SCI S4000L4 (i7 7500U)	i7 7500U	2/4	2.70 3.50 GHz	DDR4	1	1	1	6	2	1	1	2	4	1	DC 12V
SCI S4000L4 (i5 8265U)	i5 8265U	4/8	1.60 3.90 GHz	DDR4	1	1	1	6	2	1	1	2	4	1	DC 12V
SCI S4000L4 (i7 8565U)	i7 8565U	4/8	1.80 4.60 GHz	DDR4	1	1	1	6	2	1	1	2	4	1	DC 12V
SCI S4000L4 (i5-10210U)	i5 10210U	4/8	1.60 4.20 GHz	DDR4	1	1	1	6	2	1	1	2	4	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