SONCCI 索奇

Dual serial port fanless embedded IPC

SCI-S4010	Introduction and features

The SCI-S4010 fanless embedded computer is powered by an intel Celeron processor, supports DDR4 memory, and offers a variety of options for mSATA storage. It is equipped with rich interfaces, including LAN, COM RS232, USB, SIM card slot, HDMI+VGA dual display, etc., expandable WIFI/Bluetooth/4G module, supporting Windows and Linux systems. The aluminum alloy shell of the whole machine has strong properties, the aluminum fin design quickly dissipates the heat of the host, and the fanless and fully enclosed structure effectively prevent dust from entering, so as to ensure 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, logistics and warehousing, self-service terminals, security machine vision, mini servers, smart cities and other fields.

- Support intel Celeron processor, integrated intel HD graphics
- Supports 1*SO-DIMM DDR4 memory slot and mSATA solid-state drive
- 1*Gigabit Ethernet port, support network wake-up, diskless boot, external SIM card slot, optional WIFI/Bluetooth/4G module
- 1*RS232 DB9 COM serial port, 1*Console RJ-45 serial port, HDMI+VGA dual display output
- BIOS support Watchdog hardware reset and power on/off function
- Compact and sturdy fully sealed aluminum alloy chassis and large-area aluminum fin fanless heat dissipation structure, wide temperature (-10 ~ 60°C) stable operation
- The mini is only the size of the palm of your hand, and the main unit is available in black/silver, and supports embedded, wall-mounted, and desktop installation
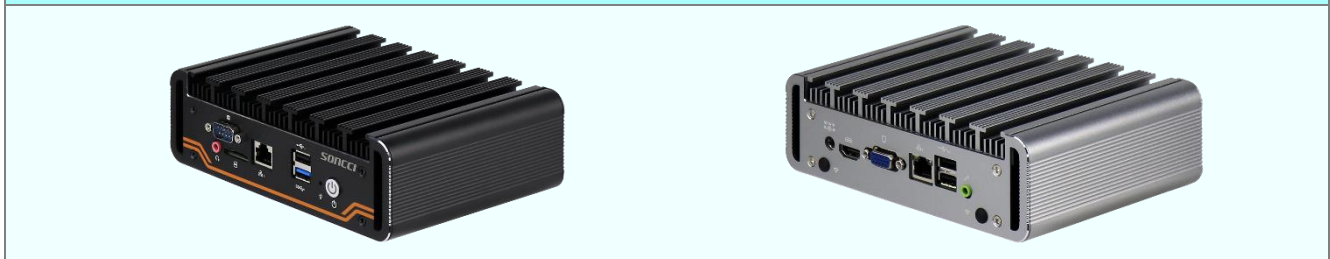
Specifications

System	C P U	intel J4125
	Display chips	intel Core graphics card
	Memory support	SO-DIMM DDR4
	Hard disk support	mSATA SSD
	Network card chip	Realtek RTL8111 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)
	operating system	Support Windows/Linux
	B I O S	supports power-on, timed boot, network wake-up, and diskless boot
	Watchdog	Watchdog supports hardware reset (256 levels, 0~255 seconds)
Interface	I/O interface	4×USB、1×HDMI、1×VGA、1×LAN、1×Audio、1×Mic、1×COM DB9、1×SIM Card slots、1×Console RJ-45、1×DC、1×Power
Structure	Installation	Support embedded, wall-mounted, and desktop mounting
	Size and Weight	host:179×125×55mm，wrap: ，net weight:1.2kg，gross weight:1.9kg
	Color	Aluminum alloy chassis, color: black/silver

Temperature	Ambient temperature	Working environment: -10°C~60°C; Transportation and storage environment: -20°C~70°C; Relative humidity: 5%-95% (non-condensing)
	Resistant to 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

Interface size

Product images

Ordering Information

Product model	Standard configuration	Upgrades are optional
SCI-S4010	intel Celeron J4125	/
	4G DDR4 memory	8G DDR4
	128G SSD	256G/512G/1TB SSD
	No WIFI	Optional addition of 2.4G/5G WIFI/Bluetooth, 4G module
	1*DB9 RS232 COM serial ports	/
	Chassis black/silver	White, gray, etc