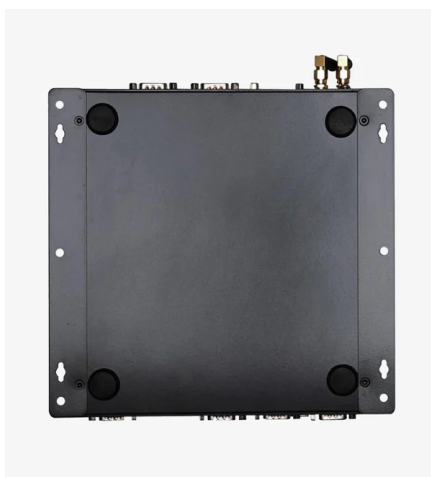


IPC-i5-R8-S256

Fanless Embedded Industrial PC with Intel® i5-10210U Processor



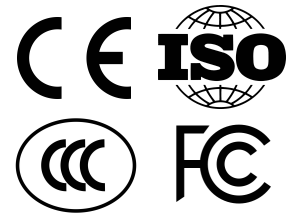
Fan-less Embedded PC with Intel® i5-10210U Processor, 256GB eMMC, 6 x Serial, 6 x USB, 1 x HDMI, 1 VGA, 2 LAN, 1 SIM Slot, Audio 3.5mm port

IPC-i5-R8-S256 adopts an all-aluminum alloy structure, a fanless and enclosed design, light and compact, with low power consumption. It is an industrial product specially designed for a variety of environments. It has rich interfaces, supports expansion, can meet the access of a variety of external devices, and supports 12V-36V wide voltage power supply; The complete machine has good scalability, practicability, and EMC compatibility, and is widely used in industrial control, military industry, communication, power and network, and other automation fields. The IPC-i5-R8-S256 model is equipped with an Intel® i5-10210U Processor, 256GB eMMC, 6 x Serial, 6 x USB, 1 x HDMI, 1 VGA, 2 LAN, 1 SIM Slot, Audio 3.5mm ports. IEC 61010-1 certified for industrial use.

ORDER DETAILS

Function: Intel® i5-10210U processor, 8 GB DDR4 RAM, 256 GB eMMC storage, 2 x LAN, 6 x USB, and 1 x HDMI, 1 x full-size mini PCIe

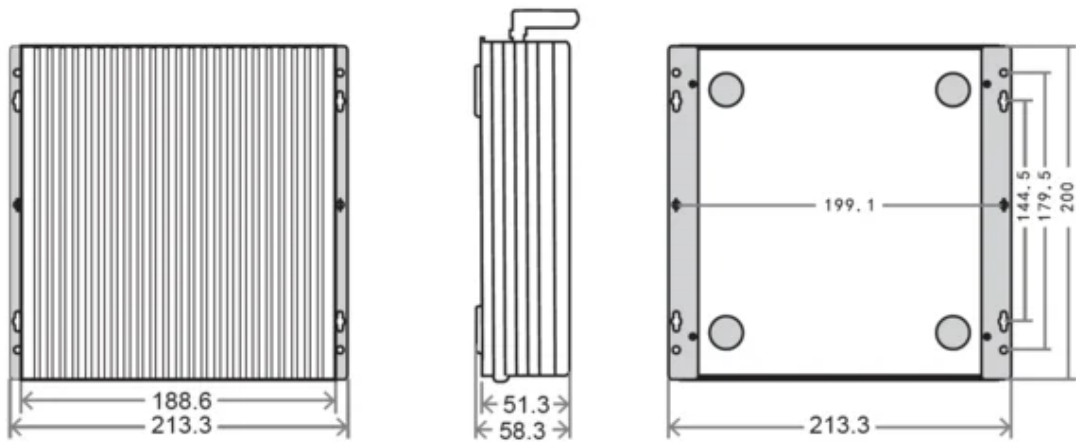
SKU/Order No.: SA-IPC-I510-R8-S256



Features

- Delicate and compact appearance, convenient installation.
- Self-developed X86 architecture motherboard with multiple options.
- Fanless enclosed design, low power consumption of the whole machine.
- High integration, realizing WiFi/Bluetooth/Ethernet triple connection.
- Abundant interfaces to meet the needs of various external equipment .
- Industrial protection grade, stable system operation.

Mechanical Dimensions



Technical Data

System Hardware

Processor	Intel® Core i5- 10210U, 1.6 GHz
Memory	DDR4 2666MHz, 8GB
OS Support	Windows10 LTSC (Default), Windows 11, Ubuntu 20.04, Ubuntu Core 20

Interface

LAN Ports	2 x RJ45, 10/100/1000 Mbps 1x EtherCAT Slice IO (right side expansion)
USB Ports	6 x USB ports (USB 3.2 compliant)
Display	1 x HDMI, support up to 1920 x 1080 @60Hz
Grounding Protection	Chassis grounding

Input Data

Power Consumption (max.)	15W
Input Voltage Range DC	12 ... 36 VDC

Mechanical Data

Housing	Aluminum housing
Mounting DIN Rail according EN 60715	Desktop and RACK installation
Weight (typ.)	Approx. 1.9kg

Dimensions

Width (mm)	213 mm
Height (mm)	199.5 mm
Depth (mm)	58.3 mm

Certification

Certification	CC, CE, FCC, EMC, CB, ROHS
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Ambient Condition

Ambient Temperature (operating)	-20 ... 65°C (-4 ... 140°F) @ 5 ~ 85% RH with 0.7 m/s airflow
Ambient Temperature (storage/transport)	-40 ... 80°C (-40 ... 185°F)
Operating Humidity (non-condensing)	10 ... 95% RH @ 40°C
Storage Humidity (non-condensing)	10 ... 95% RH @ 60°C

Standards and Regulations

Shock Test	Operating, IEC 60068-2-27, 50G, half sine, 11 ms
Vibration	Operating, IEC 60068-2-64, 2 Grms, random, 5 ~ 500 Hz, 1hr/axis (eMMC)

Commercial Data

Customs Tariff Number	84715000
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