

SPC-8271C

2U Standard Rack-mounted Multi-LAN Dedicated PC

SPC-8271C is a 19" 2U standard rack-mounted Multi-LAN dedicated PC that meets IEC61850. The complete PC is of sheet metal structure, with excellent dust prevention, heat dissipation and good EMC performance, and its EMC performance meets the requirements of National Electric Power Level 4. Supports Windows, Linux, domestic Kylin and other operating systems. It can be widely used in the network security situational awareness device of the power monitoring system and deployed in the power monitoring systems of all levels of dispatching centers and power plants/substations to collect, analyze and process the network security data of the master station or plant station power monitoring system and communicate with the master station system.



Product Features



Conform to IEC-61850 international standard



EMC performance conforming to National Electric Power Level 4

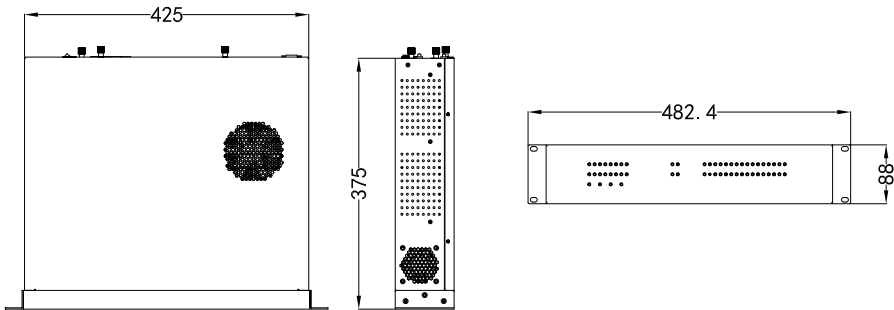


Domestic Hygon platform



Multi-LAN port and multi-serial port

Product Dimensions Drawing



(Please refer to the user manual to check detailed specifications and dimensions) (unit: MM)

Product Specifications

Item		Description
Main Functional Indicators	Processor	Hygon HG3250, HG3330 and HG3350 are packaged as BGA1515 processor (optional)
	Memory	Provides 2 × DDR4 memory slot, with a maximum capacity of 16GB for each memory and a maximum total memory capacity of 32GB
	Storage	1 × 2.5-inch hard disk bay, 1 × 3.5-inch hard disk bay and 1 × CF card slot
	LAN	Supports up to 24 × LAN port (onboard 8 × electrical ports, others can be expanded through the network module, optical port and electrical port are optional)
	Serial port	1 × RS485 serial port in standard DB9 form, 1 × RS232 CONSOLE port in RJ45 form
	Expansion Bus	Provides 2 × ENS network module expansion slot
	Power supply	Each power module provides 1 × 7Pin Phoenix terminal power input port
Main Performance Indicators	Dimensions (Excluding Mounting Ears)	425mm (W) *88mm (H) *375mm (D)
	Net Weight	About 11.8Kg (excluding the weight of the package and accessories)
	Color	Black
	Temperature	Working temperature: -5°C~+45°C Storage temperature: -25°C ~ +70°C
	Humidity	Constant damp heat: 40°C, 95%RH (non-condensing)
	Reliability	MTBF≥50000h MTTR≤0.5h
	Safety	Meet the basic requirements of GB4943
	Mechanical Environment Adaptability	Anti-vibration: capable of withstanding the vibration response test of severity level I (should be capable of withstanding the vibration with amplitude of 0.3 mm when frequency f ≤ 10 Hz, and at the acceleration of 1 m/sp when f > 10 ~ 150 Hz). Anti-shock: able to withstand the shock test at severity level
	Electromagnetic Compatibility	Complies with international standard IEC 61850"Substation Communication Network and System" Complies with national standard GB/T 15153-1"Telecontrol Equipment and Systems" Radiated disturbance: GB 9254-2008 class A Conducted disturbance: GB 9254-2008 class A GB/T 17626.2.2018 Electrostatic discharge class (IV) GB/T 17626.4-2018 Burst immunity class (IV) GB/T 17626.5-2019 Surge (shock) immunity class (IV) GB/T 17626.6-2008 Conducted immunity class (III) GB/T 17626.12-1998 Oscillatory waves immunity test class (III) GB/T 17626.3-2017 Radio frequency electromagnetic field radiation immunity class (III) GB/T 17626.9-2011 Pulse magnetic field immunity class (V) GB/T 17626.18-2017 Damped oscillatory magnetic field immunity class (V) GB/T 17626.8-2006 Power frequency magnetic field immunity class (V) GB/T 17626.11-2008 Voltage dips, short interruptions and voltage variations test (Capable of withstanding specified voltage dips 100%, duration 10ms)
	Power Supply Characteristics	Input: AC/50Hz, 110V~220V; DC: 110V~220V single power supply/redundant power supply (optional)
	Operating system	Supports high kernel version Linux systems such as Kylinsec and Cent OS

Ordering Information

Part No.	Model	Description
0010-200401	SPC-8271C-08	2U 19" rack-mounted industrial computer for power industry/Hygon 3350 3.0GHz eight-core processor/16G memory/256GB 2.5-inch SSD/2T 3.5-inch enterprise HDD/24 × Gigabit LAN port (8 × optical port and 16 × electrical port/excluding SFP)/1 × Console port/1 × isolated serial port/AC, DC110V~220V input 150W dual-power-supply/ power loss alarm
0010-200411	SPC-8271C-09	2U, 19" rack-mounted industrial computer for power industry/Hygon 3330 3.0GHz quad-core processor/16G memory/256GB 2.5-inch SSD/2T 3.5-inch enterprise HDD/24 × Gigabit LAN port (8 × optical port and 16 × electrical port/excluding SFP)/1 × Console port/1 × isolated serial port/AC, DC110V~220V input 150W dual power supply/ power loss alarm
0010-200421	SPC-8271C-10	2U 19" rack-mounted industrial computer for power industry/Hygon 3250 2.8GHz eight-core processor/16G memory/256GB 2.5-inch SSD/2T 3.5-inch enterprise HDD/24 × Gigabit LAN port (8 × optical port and 16 × electrical port/excluding SFP)/1 × Console port/1 × isolated serial port/AC, DC110V~220V input 150W dual-power-supply/ power loss alarm

Note: EVOC Intelligent reserves the right to final interpretation of product specifications and ordering information etc.