

SPC-8271B 2U 19" Rackmount Industrial PC IEC 61850-3 certified

Brief Introduction

SPC-8271B is a 2U 19" rackmount industrial PC dedicated for substation application. Based on Intel® C236 chipset, it supports Intel® Xeon® E3-1200 V5/V6 series and 6th/7th Gen Core™ i7/i5/i3, Pentium®, Celeron® processor. SPC-8271B support Win7, Win8.1, Win10, Cent OS Linux, RedHat® Linux and etc.

SPC-8271B is built by high quality metal structure, provide a plenty of LAN ports. And it features with good dust-proof, deat-dissipation and EMC performance.

SPC-8271B could be used as substation remote terminal management, smart grid dispatching communication management, metro PSCADA and FEP with IEC 61850-3 certified.



Features

Based on Intel® C236

Support Intel® Xeon® E3, Core™ i7/i5/i3/Pentium®/Celeron® CPU

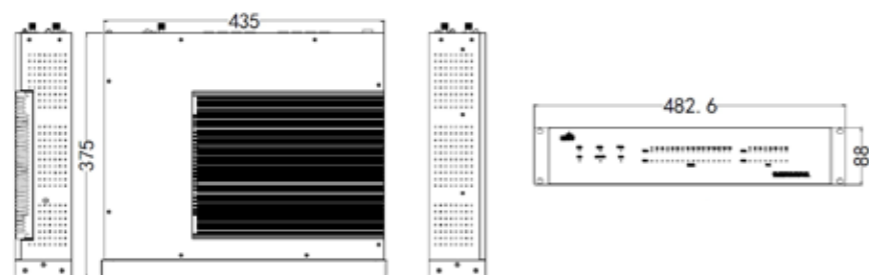
Support 4 x DDR4 DIMMs up to 64GB ECC

Support 8 x 3.5" HDD bay drawable

Support 4 x PCIe expansion

Support ATX and redundant PSU

Product size chart



(Company : MM)

Specifications

Items		Specification
System	CPU	Intel® Xeon® E3-1200 V5/V6 series 6th/7th gen Core™ i7/i5/i3, Pentium®, Celeron®
	Chipset	Intel® C236
Memory		2 x 288PIN DDR4 DIMMs, support ECC/Non-ECC UDIMM, up to 32GB
Storage	SATA	1 x 3.5" SATA bay, 1 x 2.5" SATA bay
	CFast	1 x CFast slot
LAN		Onboard 8 x GbE RJ45 Additional 8 x GbE RJ45 and 8 x GbE SFP by ENS module
Expansion		2 x ENS module slots 1 x PCIe8
I/O	Console	1 x RJ45 console, support RS232
	COM	1 x DB9 RS485
	USB	1 x USB internal
	VGA	1 x VGA internal
Power Supply		AC 110V ~ 240V, redundant PSU
Mechanical	Dimensions	428.4 x 88 x 376.8 mm
	Weight	10kg
	Installation	Rack mount
Environment		Operation Temperature: -5 ~ 45°C (industrial SSD/CFast) Storage Temperature: -25 ~ 70°C Humidity: 40°C, 95%RH
Reliability		MTBF ≥ 50,000h, MTTR ≤ 0.5h
EMC		Meet IEC 61850 Meet GB/T 15153-1 <RTU equipment and system> Radiation Emission GB 9254-2008 Class A Conduction Emission GB 9254-2008 Class A Electrostatic Discharge GB/T 17626.2.2006 Class IV Pulse Immunity GB/T 17626.4.2006 Class IV Surge immunity GB/T 17626.5.2008 Class IV Conduction Immunity GB/T 17626.6.2008 Class III Oscillation Wave Immunity GB/T 17626.12.1998 Class III RF Electromagnetic Field Radiation Immunity GB/T 17626.3.2006 Class III Pulse MF Immunity GB/T 17626.9.1998 Class V Damped Oscillating MF Immunity GB/T 17626.10.1998 Class V PFMF Immunity GB/T 17626.8.2006 Class V Voltage Dip, Short Interruption, Voltage Change GB/T 17626.11.2008
Safety		Meet GB4943
OS Support		Windows 7/8/10, Linux

Ordering Information

P/N	Model	Description
0010-118041	SPC-8271B	EVOC 2U rackmount dedicated IPC/Intel® E3-1225 V6 3.3GHz/16G DDR4/256GB SSD/1TB HDD/16 x RJ45 LAN/8 x SFP LAN/1 x Console/1 x RS485 isolated/150W redundant PSU/Power loss alarm