PERFECTRON

SCH400

IEC 61850-3, IEEE1613
2U Fanless System

Power Automation Computer

- Intel 10th Gen Core i9-10900TE Processor
- 4x DDR4 up to 128GB
- 2x RJ45 GbE LAN, 1x IPMI, 4x USB3.2, 2x USB2.0, 2x DP, 1x VGA, 1x DVI-D
- 4x 2.5" Easy swap SSD/HDD Tray (Support RAID 0,1,5,10)
- 3x PCIe Expansion Slots
- TPM / FTDI Support

Specifications

System

CPU	Intel® Core™ i9-10900TE(20M Cache, up to 4.60 GHz)
Memory type	4 x DDR4 up to 128GB
Expansion Slot	1 PCI-E 3.0 x16 2 PCI-E 3.0 x4
Storage Device	4 x 2.5" Easy swap HDD/SSD Tray (Support RAID 0,1,5,10)

Rear I/O

Power Button	1 x w/Indicator LED
USB	2 x USB 2.0

Front I/O

Power Input	2 x 125V DC IN
LAN	2 x RJ45 GbE LAN
USB	4 x USB 3.2
DisplayPort	2 x DP
DVI	1 x DVI-D
VGA	1

Power

Power Input	125V DC-IN, 2 x 200W DC/DC Redundant Power Supply(INRUSH CURRENT : 45A/110VDC)

Security

TPM	1

Management

FTDI	1

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OS support list

Windows	Windows 10 x64
Linux	Ubuntu, Red Hat

Mechanical and Environmental

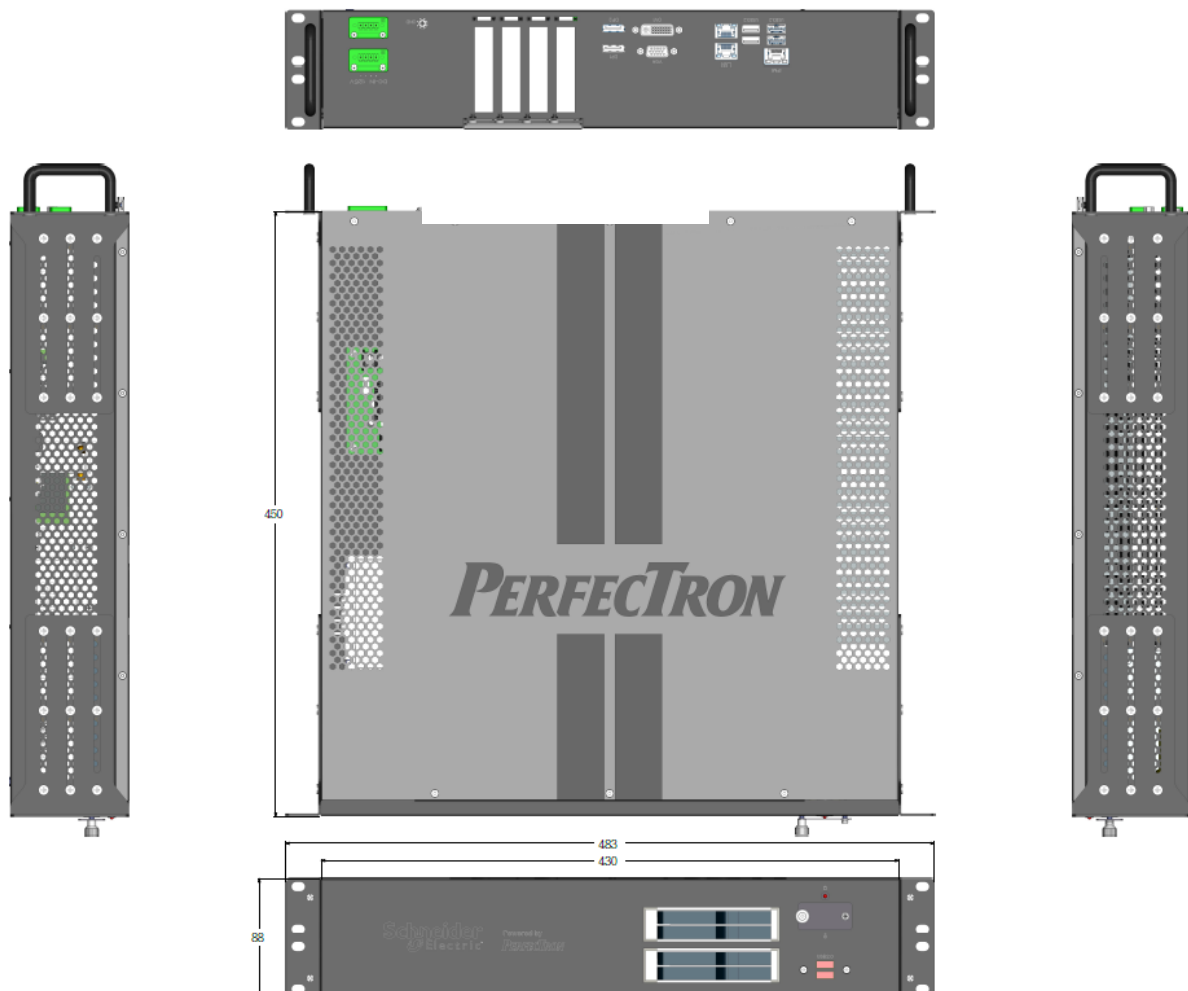| Dimension	483 x 450 x 88 mm (W x D x H)
Operating Temp.	-20 to 60°C
Storage Temp.	-40°C to 85°C
Relative Humidity	5% to 95%, non-condensing
Standards	CE, FCC, MIL-STD 810G Compliance
System Design	Fanless
Mounting	2U Rackmount
MIL-STD-810G	Method 507.5, Procedure II (Temperature & Humidity)
	Method 516.6 Shock-Procedure V Non-Operating (Mechanical Shock)
	Method 516.6 Shock-Procedure I Operating (Mechanical Shock)
	Method 514.6 Vibration Category 24/Non-Operating (Category 20 & 24, Vibration)
	Method 514.6 Vibration Category 20/Operating (Category 20 & 24, Vibration)
	Method 501.5, Procedure I (Storage/High Temperature)
	Method 501.5, Procedure II (Operation/High Temperature)
	Method 502.5, Procedure I (Storage/Low Temperature)
	Method 502.5, Procedure II (Operation/Low Temperature)
	Method 503.5, Procedure I (Temperature shock)
EMC	CE, FCC compliant
Green Product	RoHS, WEEE compliance

Ordering Information

SCH400

2U 19" Power Automation Fanless Server Computer with Intel. 10th gen Core i7 Processor, 4× RJ45, 2x COM ports, 'Wide range 90~260V AC-in, Operating Temperature -20~+60°C

SCH401

2U 19" Power Automation Fanless Server Computer with Intel 10th Gen Core™ i9 Processor, 2 × LAN(RJ45), 6x USB, 2 x DP, 1 x VGA, 1 x DVI-D, 1 x IPMI, DC-DC 72V/96V/125V DC-IN, 2 x 200W DC/DC 67.2~143V Redundant Power Supply, TPM/FTDI Support, Operating Temperature -20~+60°C

Dimension

Front Panel I/O Placement

3) Power Button

1) 4 x HDD Tray

2) 2 x USB 2.0

Rear Panel I/O Placement

1) IPMI

4) VGA

2) 4 x USB3.2

6) 2 x DP

7) 4 x PCIe expansion

8) 2 x DC-IN

5) DVI-D

3) 2x GbE

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