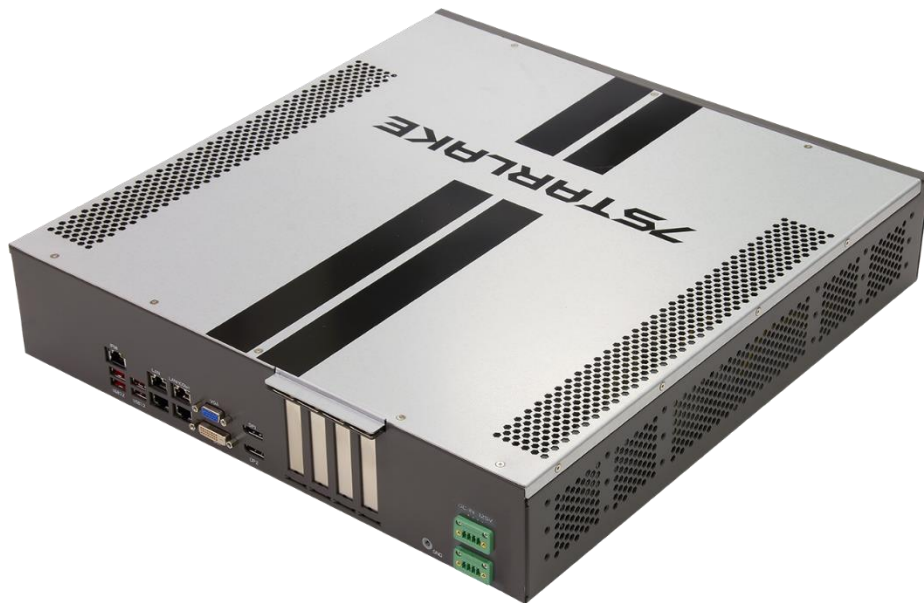


SCH400 series

Industrial 2U Fanless Systems



SCH400 series

PRODUCT HIGHLIGHTS

- ▶ 2U rackmount fanless systems
- ▶ Supports Intel® 10th Gen Xeon® W-1200/ Core™ Processors
- ▶ Intel® W480/Q470 chipset options
- ▶ Support for up to 128GB of DDR4 memory
- ▶ IPMI Support , 10GbE LAN (by option)
- ▶ 2 x RJ45 GbE LAN, 2 x RJ45, 4 x USB3.2, 4 x USB2.0
- ▶ 2 x DP, 1 x VGA, 1 x DVI-D
- ▶ 4 x 2.5" Easy swap SSD/HDD Tray (Support RAID 0,1,5,10)
- ▶ 2 x 150W , 9V~36V DC Redundant PSU
- ▶ 3 x PCIe Expansion Slots



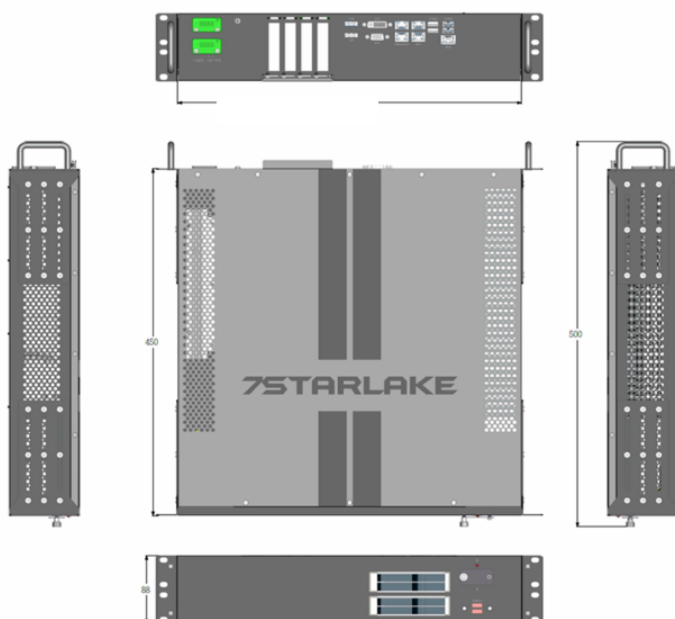
TECHNICAL INFORMATION

PROCESSOR	10th Generation Intel® Xeon® W-1200 Processors Intel® Xeon® W-1290TE Processor (20M Cache, up to 4.50 GHz) Intel® Xeon® W-1250TE Processor (12M Cache, up to 3.80 GHz) 10th Generation Intel® Core™ i9/i7/i5 Processors Intel® Core™ i9-10900TE(20M Cache, up to 4.60 GHz) Intel® Core™ i7-10700TE(16M Cache, up to 4.50 GHz) Intel® Core™ i5-10500TE(12M Cache, up to 3.70 GHz)
CHIPSET	Intel® W480/Q470
SYSTEM MEMORY	4 x DDR4 up to 128GB
STORAGE	4 x 2.5" Easy swap HDD/SSD Tray (Supports RAID 0,1,5,10)
POWER INPUT	9V ~ 36V DC 100V ~ 240V AC
REDUNDANT POWER	Support for redundant AC or DC power supplies
EXPANSION SLOTS	1 x PCIe x16 1 x PCIe x8 1 x PCIe x4 1 x mPCIe 1 x M.2 2230 (E)
I/O PORTS	2 x RJ45 2 x Display Port 1 x DVI-D 1 x VGA 1 x Mic, 1 x Line-Out 4 x USB 3.2 2 x USB 2.0
TESTING	MIL-STD-810G tested 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)
OPERATING TEMPERATURE	-20 to 60°C
STORAGE TEMPERATURE	-40 to 85°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
DIMENSIONS (W x D x H)	430 x 450 x 88 mm
APPLICATIONS	IEC 61850-3, IEEE-1613 Substation

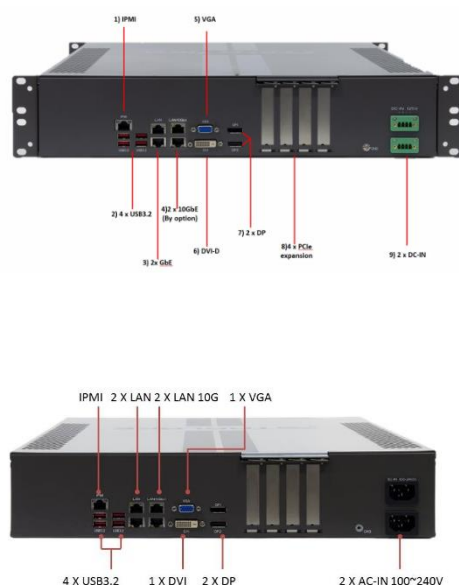
TECHNICAL INFORMATION (CONTINUED)

CERTIFICATIONS	CE, FCC
OS SUPPORT	Windows 10 64Bit Ubuntu, Red Hat
OPTIONAL EXPANSION MODULES	PCIe 4 x PoE+ PCIe 2 x 10G SFP+ PCIe 4 x RJ45 PCIe 4 x COM ports
MODEL NUMBERS	SCH400-AA: 2U fanless system, Redundant DC input SCH400-BB: 2U fanless system, Redundant AC input

MECHANICAL DRAWING



SYSTEM INFORMATION



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