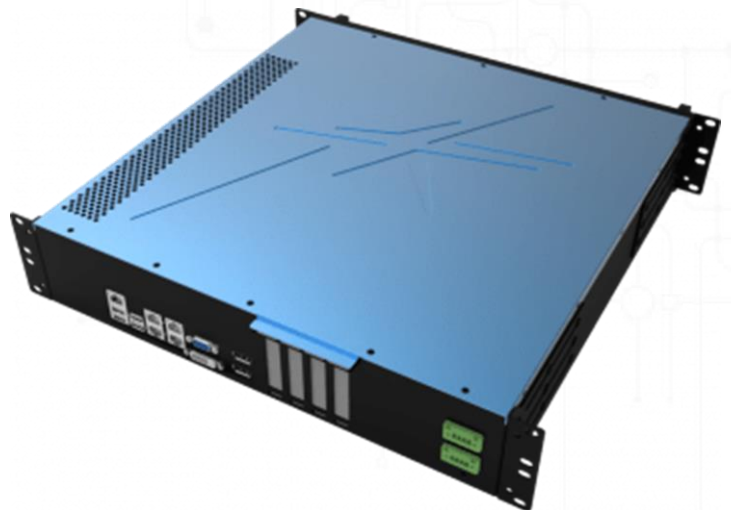


Intel® Xeon® W-1290TE Processor

2U Power Automation Computer

Extended
Temperature
+85°C
-40°C

CPU Full Speed



- Intel® Xeon® W-1290TE Processor
- Up to DDR4-128GB (ECC DIMM)
- IPMI, TPM On board
- Dual Redundant DC-DC 110V PSU
- 2 x Hot Swappable 2.5" SATA SSD Tray in RAID
- 3 x PCI-E 3.0 Expansions (1x16, 2x4)
- 10GbE, RAID (0/1/5/10) for Options

Specifications

System

CPU	Intel® Xeon® W-1200 Comet Lake Intel® Xeon® W-1290TE Processor (20M Cache, up to 4.50 GHz) Intel® Xeon® W-1250TE Processor (12M Cache, up to 3.80 GHz)
Memory type	DDR4 ECC DIMM, up to 128GB
Chipset	Intel® W480
Expansion Slot	1 PCI-E 3.0 x16, 1 PCI-E 3.0 x4 (in x8 slot) 1 PCI-E 3.0 x4 1 M.2 M-Key SATA/PCI-E 3.0 x4, 2280/22110 1 M.2 E-Key CNVi/PCI-E 3.0 x1, 2230

System BIOS

BIOS Type	AMI UEFI
BIOS Features	ACPI 6.1 SMBIOS 3.1 PCI FW 3.0 UEFI 2.6 RTC (Real Time Clock) Wakeup

Management

Software	AMT, IPMI (Intelligent Platform Management Interface) v2.0 with KVM support, SUM, SuperDoctor® 5, vPro, Watchdog
System Management Software	IPMI (Intelligent Platform Management Interface) v1.5 / 2.0 with KVM support

Storage

Storage	2 x Hot Swappable 2.5" SATA SSD Tray in RAID
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Rear I/O

Display Port	2 x DP 1 x DVI 1 x VGA
Ethernet	2 x RJ45 LAN
Audio	Min-In, Line Out
USB	4 x USB 3.0

Button	1 with backlight
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Indicator	1 HDD backlight
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Power Requirement

Power Input	DC-DC 110V 2x 200W Redundant Power
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Applications, Operating System

Applications	Energy/Smart Grid/Power Plant Management, Intelligent Automation and manufacturing applications
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Operating System	Windows 10 Enterprise x64, Windows Server 2016, 2019 RedHat Linux EL 8.0, Ubuntu 19.10 , RHEL 7.8, 8.0 64bit, Fedora 31 64bit, SuSE Leap 15.1 64bit, SLES 12 SP5 64bit, Ubuntu 19.10 64bit, CentOS 8.1 64bit
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Physical

Dimension	430 x 396 x 88 mm (W x D x H)
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Weight	TBC
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Environmental

Compliance	MIL-STD-810G, IEC-61850-3, IEEE-1613, CE and FCC, RoHS, WEEE
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Operating Temp.	-20 to 60°C
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Storage Temp.	-40 to 85°C
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Relative Humidity	5% to 95%, non-condensing
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Optional

4x 10GbE PCI-E Card	Intel® X550-AT2 10Gb/s 4-port Network module 4 x 10GBASE-T RJ45 LAN ports, Supports 10Gb/s, 1Gb/s per port
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2 x 10GbE PCI-E Card	Intel® 82599ES 10Gb/s 2 x LAN port 2 x SFP+ LAN ports, Supports 10Gb/s per port
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4 x GbE PCI-E Card	4 x Intel® I350-AM2 1Gb/s 4-port LAN Card 4 x 1000BASE-T RJ45 LAN ports, Supports 1Gb/s, 100Mb/s per port
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2 x GbE PCI-E Card	2 x Intel® I350-AM2 1Gb/s 2-port LAN Card 2 x 1000BASE-T RJ45 LAN ports, Supports 1Gb/s, 100Mb/s per port
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Ordering Information

SCH400-X1

2U 19" Power Automation Fanless Server Computer with Intel® Xeon® W-1250TE Processor, 2x RJ45, 4x USB 3.0, 2 x DP, 1 x DVI, 1 x VGA, 1 x IPMI, 1 x COM, 2 x 110V DC DC Redundant Power Supply, DVD RW, Operating Temperature -20~+60°

Dimension

