



SCH-X

Micro-Grid 10th CPU Fanless Computer



Micro-Grid Computer

- 10th Gen Corei Comet Lake-S
- DDR4 SODIMM up to 64GB
- 2x Swap SSD – Support RAID 0/1
- TPM2.0 Security on Board
- Multi Display with DisplayPort, HDMI
- 2 x COM, 2 x LAN, 6 x USB
- 110V AC-IN with Redundant

Specifications

System

CPU	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)
Memory type	DDR4 SO-DIMM up to 64GB
Chipset	Q470E

Display

GPU	Intel® UHD Graphics
Display Port	DisplayPort 1.4, DP++ Max resolution up to 4096x2160@60Hz
HDMI	HDMI 2.0a, Max resolution up to 4096x2160@60Hz

Expansion

Storage Device	1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 and CNVi for Wireless 1 x M.2 (Key B, 3042 / 3052) with PCIe x1 / USB 3.0 / USB2.0 and SIM for 4G / 5G
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Storage

Storage	1 x M.2 (Key M, 2242 / 2260 / 2280) with PCIE x4 or SATA3
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Ethernet

Ethernet	1 x Intel Gigabit Ethernet LAN Interfaces (10/100/1000 Mbps) 1 x Intel 2.5Gigabit Ethernet LAN Interfaces (10/100/1000/2500 Mbps)
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Rear I/O

Power Button	1 x with backlight
Indicator	1 x HDD backlight
USB	2 x USB 2.0
Storage	2 x SSD Tray

Front I/O

Power Input	1 x 3P C14 Plug
LAN	2 x RJ45 GbE LAN
USB	4 x USB 3.0
DisplayPort	2 x DP
HDMI	1 x HDMI

Audio	1 x Mic-in ; 1 x Line-out
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COM	2 x RS232/422/485
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Power

Power Input	AC-IN 110~240V with Redundant
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OS support list

Windows	Windows 10 x64
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Linux	Linux Support by request
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Mechanical and Environmental

Dimension(W x D x H)	430 x 300 x 75 mm
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Operating Temp.	-20 to 60°C
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Storage Temp.	-40°C to 85°C
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Relative Humidity	5% to 95%, non-condensing
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EMC	CE, FCC Compliance
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Green Product	RoHS, WEEE compliance
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System Design	Fanless
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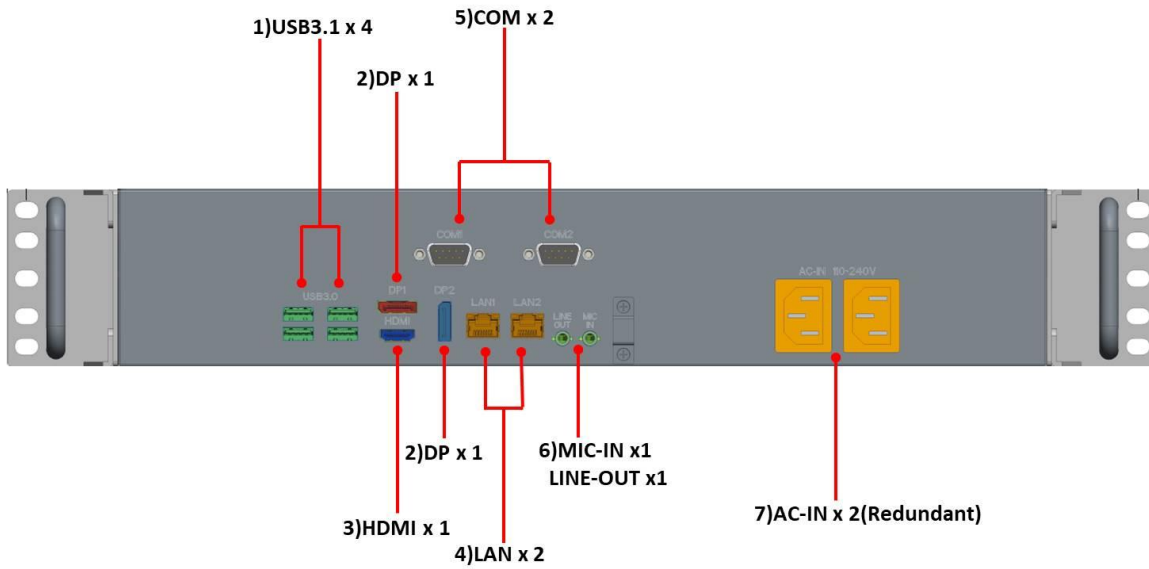
Mounting	2U Rackmount
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Ordering Information

SCH-X401

Micro-Grid 10th CPU Fanless Computer with Intel. 10th Gen. Core i3/i5/i7/i9 up to 65W Processor, up to 64G SO-DIMM DDR4, 2 x RJ45 GbE, 4 x USB3.0, 2 x USB2.0, 2 x COM, 2 x DP, 1 x HDMI, 2 x SSD Tray, AC -IN 110~240C with redundant, Operating Temperature -20~+60°C

I/O Placement



Drawing and Dimension

