



SCH-N703

**MICRO-GRID 10TH CPU FANLESS
COMPUTER**



MICRO-GRID COMPUTER

- 10th Gen Corei Comet Lake-S
- DDR4 SO-DIMM 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
- 12V DC-IN

Specifications

SYSTEM

CPU	Intel® 10 th Core™ i3/i5/i7/i9 up to 65W processor
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

STORAGE

Storage Device	1 PCI-E 3.0 x16 (Gen3, Support riser card x8 / x8, x8 / x4 / x4) 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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ETHERNET

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

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

FRONT I/O

Power Input	1 x 4P Terminal Block
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
COM	2 x COM (RS232/422/485)

POWER

Power Input	DC-IN 12V
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OS SUPPORT LIST

Windows	Windows 10 x 64
Linux	Ubuntu16.04, Ubuntu18.04, Fedora 28

MECHANICAL AND ENVIRONMENTAL

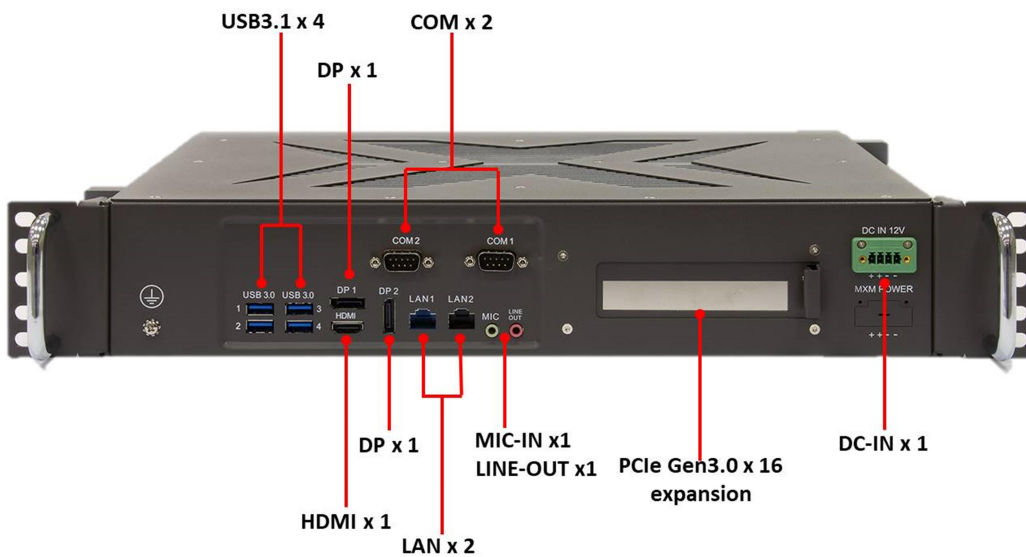
Dimension	430 x 300 x 74 mm (W x D x H)
Operating Temp.	-20 to 60°C
Storage Temp.	-40°C to 85°C
Relative Humidity	5% to 95%, non-condensing
Certification	CE, FCC, MIL-STD 810G Compliance
Green Product	RoHS, WEEE compliance
System Design	Fanless
Mounting	2U Rackmount

Ordering Information

SCH-X403

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, 1 x PCIe Gen3.0 x 16 expansion slot, DC-IN 12V, Operating Temperature -20~+60°C

I/O Placement



Drawing and Dimension

