

# Cube Fanless Computer for EcoStruxure

Extended  
Temperature  
+85°C  
-40°C

CPU Full Speed



## POWER AUTOMATION COMPUTER

- Intel® Atom X5-E3940 Processor
- 2 x SO-DIMM up to 8GB DDR3L
- 2 x 2.5" Easy swap SSD Tray
- 2 x RJ45 LAN
- 4 x USB3.0
- 1 x VGA, 1 x HDMI
- 6 x COM (RS232/422/485)

CPU	Intel® Atom X5-E3940 Processor
Memory type	2 x SO-DIMM up to 16GB DDR3L
Expansion Slot	2 x IO Expansion Slots 1 x MXM 3.1 Slot
Storage Device	2 x 2.5" Easy swap SSD Tray
<b>FRONT I/O</b>	
Power Input	DC 19V~24V
USB	4 x USB3.0, 2 x USB2.0
Display	1 x 20Pin DisplayPort connector (Female), resolution up to 4096x2160@60Hz
Ethernet	2 x RJ45 LAN
USB	4 x USB 2.0
HDMI	1 x HDMI
VGA	1 x VGA
COM	6 x COM (RS232/422/485)
DIO	8-bit Isolated Digital I/O (4 x DI, 4 x DO)
<b>OPTIONAL</b>	
HSR/PRP	HSR/PRP Dual LAN Card
COM	8 COM Ports Card
Dual 10GbE Module	4x COM with Isolated DIO (8 Bit)
<b>OS SUPPORT LIST</b>	
Windows	Windows 10 64Bit
Linux	Ubuntu14.04, Fedora 20/23, RedHat Linux EL 7.1/7.2
Power Requirement	DC 19V~24V
Dimension	190 x 225 x 200 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

## OS SUPPORT LIST

System Design	Fanless
Mounting	Rackmount Cube
MIL-STD-810G Test	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

### SCH100

Cube Fanless Computer for EcoStruxure Computer with Intel® Atom X7-E3950 Processor, 2 x RJ45 LAN , 1 x HDMI, 1 x VGA, RAID 0/1 supporting, TPM onboard, HSR/PRP for optional, 8 x COM Ports for optional, Wide range 9~48V DC-in, Operating Temperature -20~+60°C