

SR200-X4

9th / 8th Gen Intel® Xeon® / Core™ MIL-STD
Fanless Rugged Computer



Power Automation Computer

- MIL-STD810G compliant
- 9th / 8th Gen Intel® Xeon® / Core™ processor with up to 6 cores and 45W/25W TDP
- 2 x DDR4 2666 MHz SODIMM up to 64GB
- 2 x Full size (PCIe x1 & USB 2.0)
M.2 2230 E key (Wifi / BT)
- 9V to 36V DC-Input
- Extended Temperature -40°C to 60°C

Specifications

System

High Power Processor	Core i7-9850HE (6 Cores/12 Threads, 9M Cache, up to 4.40 GHz), 45W Core i7-9850HL (6 Cores/12 Threads, 9M Cache, up to 4.10 GHz), 25W Xeon E-2276ME (6 Cores/12 Threads, 12M Cache, up to 4.50 GHz), 45W Xeon E-2276ML (6 Cores/12 Threads, 12M Cache, up to 4.20 GHz), 25W Core i5-8400H (4 Cores/8 Threads, 8M Cache, up to 4.20 GHz), 45W Core i3-9100HL (4 Cores/4 Threads, 6M Cache, up to 2.90 GHz), 25W
Chipset	CM246
memory type	2 x DDR4 2666 MHz SODIMM up to 64GB (horizontal type)
Graphic	Intel® UHD Graphics 630 Optional : NVidia® GTX1050 MXM graphics (NVIDIA 1050Ti CUDA 768 GDDR5-4GB/GTX 1650 CUDA896 GDDR5-4GB/GTX 1660S CUDA1408 GDDR6-6GB)
Ethernet	I219LM +3 x I210iT
Audio codec	ALC887
Power Type	9V~36V DC IN

Storage

SSD	2 x SATA3.0
-----	-------------

Expansion slot

M.2	1 x M.2 (M-key, type:2280, SATA/PCIe 3.0x4 NVMe)
Mini-PCI	2 x Full size (PCIe x1,USB 2.0 and micro SIM Card)

Front I/O

Button	1x Power Button
--------	-----------------

Rear I/O

Display Port	1 x Display Port 1 X HDMI
USB	4 x USB3.0
Audio	2 x 3.5mm Audio Jacks(1 x MIC, 1 x Line-out)
Serial Port	1 x DB9 connector (RS232/422/485)
Ethernet	4 x RJ45 GbE LAN

DC-IN 1 x 4P Rugged Terminal connector

Applications, Operating System

Applications	Commercial and Military Platforms Requiring Compliance to MIL-STD-810G Embedded Computing, Process Control, Intelligent Automation and manufacturing applications where Harsh Temperature, Shock, Vibration, Altitude, Dust and EMI Conditions. Used in all aspects of the military
Operating System	Windows 10 32/64Bit

Physical

Dimension	308 x 149 x 76 mm
Weight	4.3 Kg (9.47 lbs)
Chassis	Aluminum Alloy, Corrosion Resistant
Finish	Anodic aluminum oxide (Color Iron gray)
Cooling	Natural Passive Convection/Conduction. No Moving Parts.
Ingress Protection	Dust proof (Similar to IP50)

Mechanical and Environment

Reliability	No Moving Parts; Passive Cooling. Designed & Manufactured using ISO 9001/2000 Certified Quality Program.
Operating Temp	-40°C to 60°C
Storage Temp.	-40°C to 85°C

Environmental

MIL-STD-810G Test	Operating Tests	
	Low Temperature	Method 502.5 Procedure 2
	High Temperature	Method 501.5 Procedure 2
	Humidity	Method 507.5 Procedure 2
	Vibration	Method 514.6 Category 20
	Shock	Method 516.6 Procedure 1
	Non-Operating Tests	
	Low Temperature Storage	Method 502.5
	High Temperature Storage	Method 501.5 Procedure 1
	Vibration	Method 514.6 Category 24
Shock	Method 516.6 Procedure V	

Ordering Information

SR200-X4

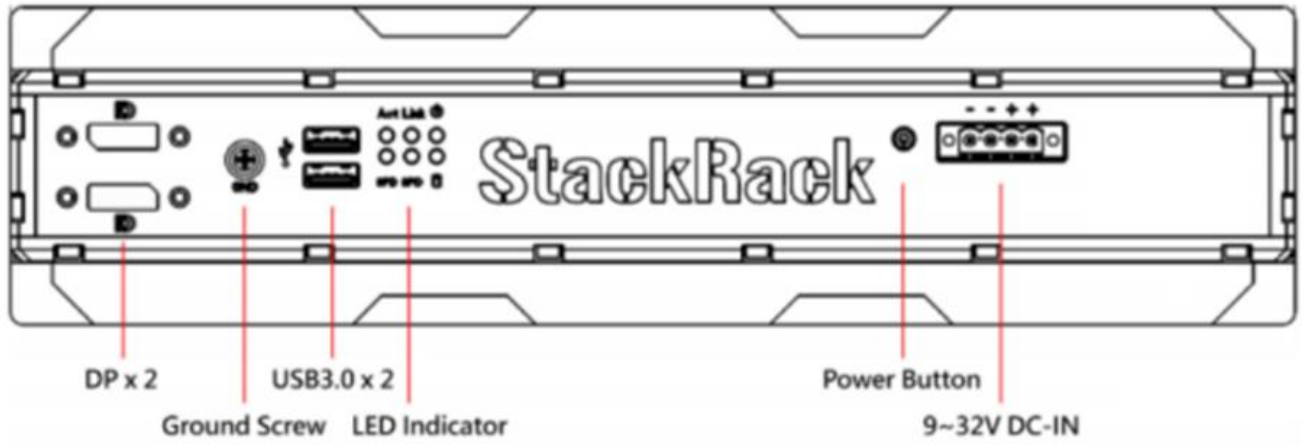
Xeon E-2276ML, DDR4-4GB, 128GB SSD, NVIDIA GTX1050Ti ,9V~36V

SR200-X4i

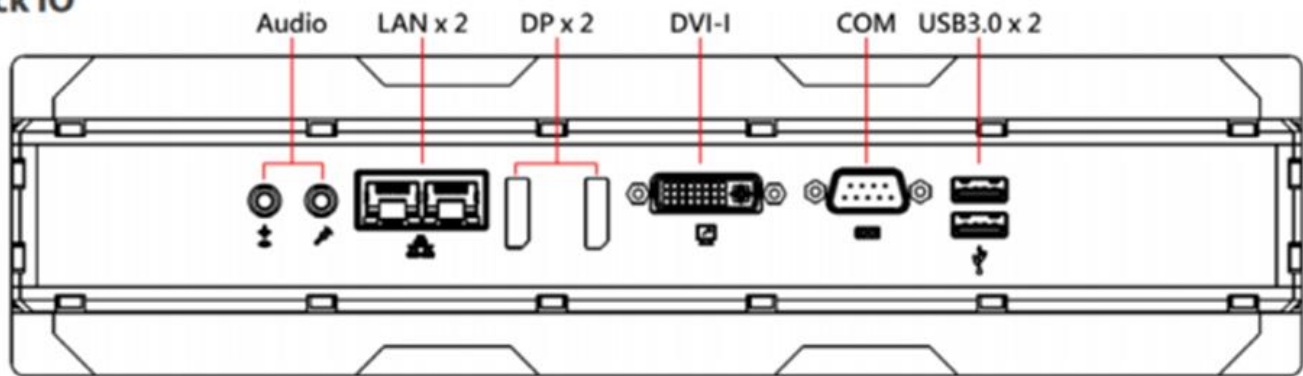
i7-9850HL, DDR4-4GB, 128GB SSD, NVIDIA GTX1050Ti ,9V~36V

Appearance

Front IO



Back IO



Dimensions

