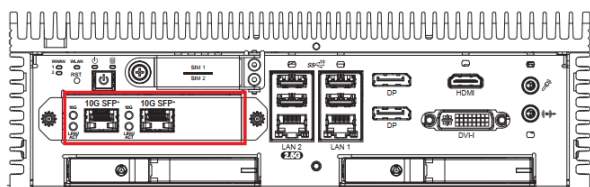


Our Vision is Your Vision



Features :

- Intel Core Ultra 7 265 Processors, 65W, (Alder Lake-S)
- 16GB DDR5 RAM – (-40°C to 70°C)
- 2.5" SSD 1TB SSD – (-40°C to 70°C)
- Fanless -40°C to 70°C Operating Temperature
- 4 x 2.5GbE RJ45 LAN
- 2 x 10G SFP+ Fiber Port / 1 x 1GbE RJ45
- 9V to 50V DC-in, Software Ignition Control;
- Supports Intel® vPro, TSN, TCC, and TPM 2.0
- 6 USB 3.2 Gen 2 / 4 x COM / 16 x GPIO
- 2 x DP / 1 x DVI-I / 1 x HDMI
- Dual Power ON LED indicator
- 280W 24V, 90-264VAC Power Adapter
- Conformal coating on MB / RAM / SSD / Amplifier card
- Internal amplifier with 3W@ 4Ω/1 channel
- 25-Month Warranty Coverage Issued by Seatronx LLC.

SPECIFICATION

System

Processor	Intel Core Ultra 7 265 Processors, 65W, (AlderLake-S)
Chipset	Intel W880 Chipset
BIOS	AMI
SIO	IT8786E
Memory	16GB DDR5-6400MHz RAM, upto 96GB

I/OInterface

Serial	4 COMRS-232/422/485
USB	6 USB 3.2 Gen 2
Isolated DIO	16 Isolated DIO : 8 DI, 8 DO
LED	Power, HDD, PoE, Wireless
SIM Card	2 External SIM Card Socket

Expansion

M.2	2 M.2 Key B Socket (3042/3052/2280, PCIe x2/USB 3, default/SATA) 1 M.2 Key E Socket (2230, PCIe x2/USB2)
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Graphics

Graphics Processor	Intel®Xe LPG Graphics architecture, up to 4Xe Graphics Engines
Interface	- 2 DisplayPort : Up to 7680 x 4320 @60Hz - 1 DVI-I : Up to 1920 x 1080 @60Hz - 1 HDMI 2.0 : Up to 3840 x 2160 @60Hz

Storage

SATA	1TB 2.5" SSD 2 SATA III (6Gbps) support S/W RAID 0, 1
M.2	1 M.2 Key M Socket 2280, PCIe x4 2 Front-access M.2 Socket (2280, PCIe x4, Optional)

Audio

Audio Codec	Realtek ALC888S-VD, 7.1 Channel HDAudio
Audio Interface	1 Mic-in, 1 Line-out / 1 Audio-out Internal amplifier with 3W@ 4Ω/1 channel

Ethernet

LAN 1	Intel®I219LM GigE LAN supports iAMT
LAN 2	Intel®I226IT 2.5GigE LAN supports TSN

2.5G PoE

LAN 3 to LAN 6	Intel®I226IT 2.5GigE IEEE 802.3at (25.5W/48V) PoE+
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10G SFP+

LAN 7	Intel®X710-BM2 supports IEEE 802.3 10GBASE-T SFP+
LAN 8	Intel®X710-BM2 supports IEEE 802.3 10GBASE-T SFP+

Power

Power Input	DC 9V to 50V, Redundant Power Input
Power Interface	3-pin Terminal Block : V+, V-, Frame Ground
Ignition Control	16-mode Software Ignition Control
Remote Switch	3-pin Terminal Block

TPM	Infineon SLB9672 supports TPM 2.0, SPI Interface
Watchdog Timer	Reset : 1 to 255 sec./min. per step
Smart Management	Wake on LAN, PXE supported
HW Monitor	Monitoring temperature, voltages. Auto throttling control when CPU overheats.

Mechanical

Dimensions (W x L x H)	10.24" x 6.89" x 3.11" (260mm x 175mm x 79mm)
Weight	8.38 lbs
Mounting	Panel Mount via mounting bracket DIN Rail Mount (Optional) 2U Rackmount (Optional)

Environment

Operating Temp.	-40°C to 70°C (-40°F to 158°F), Fanless
Storage Temp.	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @70°C
Shock	Designed to meet MIL-DTL-901E integrated into various enclosures
Vibration	Designed to meet MIL-STD-167-1 integrated into various enclosures
EMC	Designed to meet MIL-STD-461 integrated into various enclosures

