



Features :

- 13th Gen Intel® i7-1365UE Processor (Raptor Lake-P)
- Up to 96GB DDR5 RAM – Wide Temperature (-40°C to 70°C) (Optional)
- Up to 1TB SSD 512SSD – Wide Temperature(-40°C to 70°C) (Optional)
- -40°C to 75°C Operating Temperature
- 2 x 2.5GbE RJ45 LAN Support TSN / 4 x 1GbE RJ45
- 9V to 50V DC-in, Software Ignition Control;
- Integrated TPM 2.0 Chip
- 2 x USB 3.2 Gen2 / 1x USB 3.2 Gen2x2 / 2 x USB 2.0
- 4 x COM / 16 x GPIO
- 2 x DP / 1 x DP USB Type C / 1 x HDMI
- Up to 180W 24V, 90-264VAC Power Adapter (Optional)
- 25-Month Warranty Coverage Issued by Seatronx

SPECIFICATION

System

Processor	Intel® Core™ i7-1365UE Processor (Raptor lake-P)
Chipset	Intel® SoC
GPU	Intel Iris X
BIOS	AMI
SIO	IT8786E
Memory	DDR5 5200MHz UP to 96GB 2 262-pin SO-DIMM Socket

I/O Interface

Serial	4 COMRS-232/422/485
USB	2 USB 3.2 Gen2 Type-A 1 USB 3.2 Gen 2x2 Type-C, support DP 1.4a 2 USB 2.0 Type-A
Isolated DIO	16 Isolated DIO (8 DI, 8 DO)
LED	Power, HDD, Wireless, PoE
SIM Card	1 SIM Card Socket (External)

Expansion

M.2	1 M.2 Key B Socket (2280/3052, PCIe x2/USB 3 Default) with Internal SIM 1 M.2 Key E Socket (2230, PCIe x1)
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Graphics

Graphics Processor	Intel Iris X
Interface	2 DisplayPort 1.4a : Up to 3840 x 2160 @ 60Hz 1 DisplayPort 1.4a : Up to 3840 x 2160 @ 60Hz by USB Type-C 1 HDMI 2.0 : Up to 3840 x 2160 @ 60Hz

Storage

SATA	2 Front-access 2.5" SSD/HDD Tray, SATA III (6Gbps) support S/W RAID 0, 1
M.2	1 M.2 Key M Socket (2280, PCIe4.0 x4)
Tray Device	2 Front-access 2.5" SSD/HDD Tray

Audio

Audio Codec	Realtek ALC888S-VD, 7.1 Channel HD Audio
Audio Interface	1 Mic-in, 1 Line-out

Ethernet

LAN 1	Intel® I226 2.5G LAN supports TSN
LAN 2	Intel® I226 2.5G LAN supports TSN

PoE

LAN 3 to LAN 6	GigE IEEE 802.3at (25.5W/54V) PoE+ by Intel® I350
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Power

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

Others

TPM	Infineon SLB9672 supports TPM2.0, SPI Interface
Watchdog Timer	Reset : 1 to 255 sec./min. per step
Smart Mgmt.	Wake on LAN
HW Monitor	Monitoring temperature, voltages. Auto throttling control when CPU overheats

Mechanical

Dimensions	10.1" x 5.6" x 1.9"
Weight	4.6 lbs
Mounting	Wallmount by mounting bracket VESA Mount (Optional) DIN Rail Mount (Optional)

Environment

Operating Temp.	-40°C to 75°C
Storage Temp.	-40°C to 85°C
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @45°C
Shock	Designed to meet MIL-STD-901D- Grade A IEC 60068-2-27 SSD : 50G @ Wallmount, Half-sine, 11ms
Vibration	Designed to meet MIL-STD-810-G IEC 60068-2-64 SSD : 5Grms, 5Hz to 500Hz, 3 Axis
EMC	Designed to meet MIL-STD-461 integrated into various enclosures

UK
CA