numurus
SMART SYSTEM SOLUTIONS

S2X-VXN2000-BOX
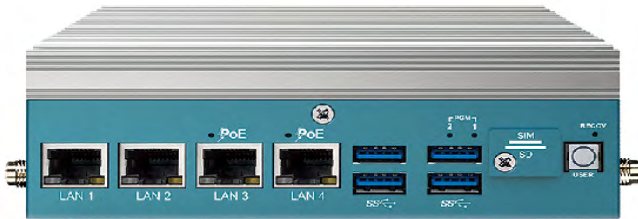## A Smart System Development Platform

NVIDIA JETSON

|Powered by NEPI

Hardware Features

- NVIDIA Xavier NX GPU Processor
- 4x Gigabit Ethernet, 1x WiFi
- 4x USB 3.0
- UARTs, GPIO, I2C, CAN, SD Card
- 2 TB Solid State Storage
- Heat Sink with Fan

S2X Smart System Platforms

Numurus partners with leading GPU and AI processor providers to offer its line of S2X smart system platforms, each pre-installed with Numurus' NEPI Engine software for edge AI and automation applications. Learn more about Numurus' S2X open-hardware solutions and NEPI Engine software at: **www.numurus.com**

NEPI Software Features

- Integrated Sensor, Robotic, and Communications Drivers
- AI and Automation Applicaitons
- Local Browser-Based User Interfaces
- ROS and Web API Interfaces

Hardware

GPU	NVIDIA - Xavier NX
Carrier Board + Housing	Vecow EAC-2000
Internal Storage	2 TB M.2 Card

Communications

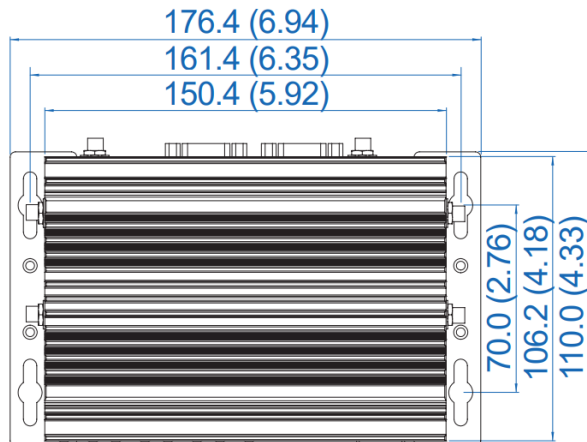|	
Ethernet Comms	4x Gigabit Ethernet + WiFi
USB Interfaces	4x USB 3.0
Misc I/O	2x RS232/485, GPIO, I2C, CAN, Nano Sim Card

Electrical

Input Voltage Range	9-50 VDC
Power Estimates	10 W - 15 W

Mechanical

Dimensions	176mm x 110mm x 51mm

Software

Ubuntu	20.04
NVIDIA Jetpack	5.0.2
NEPI Engine Software	Latest release version

Units: mm (inch)

176.4 (6.94)
161.4 (6.35)
150.4 (5.92)

70.0 (2.76)
106.2 (4.18)
110.0 (4.33)

50.0 (1.97)
51.0 (2.01)
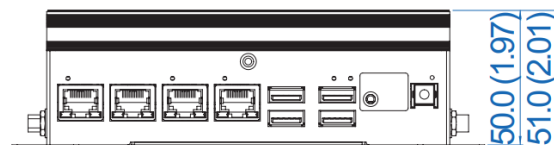
Additional details are available from manufacture's website:
https://www.vecow.com/dispPageBox/vecow/VecowCT.aspx?ddsPageID=PRODUCTDTL_EN&dbid=4111174219

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