numurus
SMART SYSTEM SOLUTIONS

S2X-SXN203-OEM
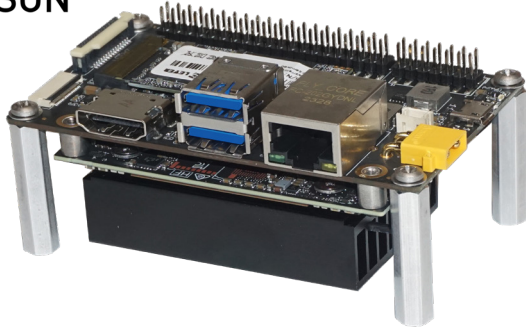## A Smart System Development Platform

NVIDIA JETSON

|Powered by NEPi

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**

Hardware Features

• NVIDIA Xavier NX GPU Processor

• 1x Gigabit Ethernet, 1x WiFi

• 3x USB 3.0

• UARTs, GPIO, I2C, CAN, HDMI

• 1 TB Solid State Storage

• Heat Sink with Fan

NEPI Software Features

• Integrated Sensor, Robotic, and Communications Drivers

• AI and Automation Applicaitons

• Local Browser-Based User Interfaces

• ROS and Web API Interfaces

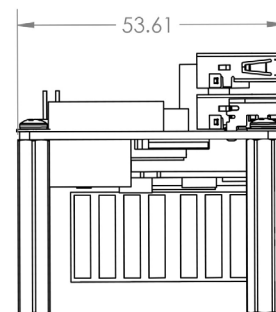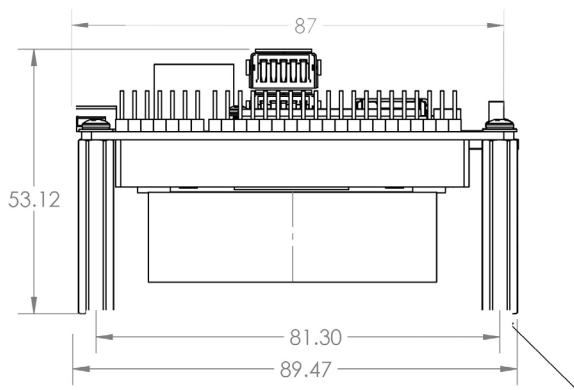| *Hardware*	
GPU	NVIDIA - Jetson Xavier NX
Carrier Board	Seeed Studio - A203
Internal Storage	1 TB M.2 Card (2 TB Upgrade Option)
Communications	
Ethernet Comms	1x Gigabit Ethernet, M2 WiFi Board
USB Interfaces	2x USB 3.0 Type-C, 1x USB 3.0 Micro
Misc I/O	UARTs, GPIO, I2C, CAN, HDMI

Electrical	
Input Voltage Range	9-19 VDC
Power Estimates	10 W - 15 W
Mechanical	
Dimensions	87mm x 54mm x 54mm
Software	
Ubuntu	20.04
NVIDIA Jetpack	5.1.1
NEPI Engine Software	Latest release version

Units: mm

Additional details are available from manufacture's website:
https://www.seeedstudio.com/A203-Carrier-Board-for-Jetson-Nano-Xavier-NX-V2-p-5214.html