



move on

Edge Inference Platform

Key Features

- Powered by **NVIDIA Jetson AGX Orin**
- Jetson AGX Orin **Industrial** available
- Seamless speed : **5G, Wi-Fi 6, and 10GbE**
- Support 8 Channel **GMSL2** Interface
- Multiband **GNSS** and **RTK** for high precision positioning
- Multiple IO Ports : **RS232/422/485** and **CAN-FD**
- Supports **flashing and booting** from **NVMe SSD**
- Pre-load **Ubuntu 22.04** image, **JetPack 6.0** SDK

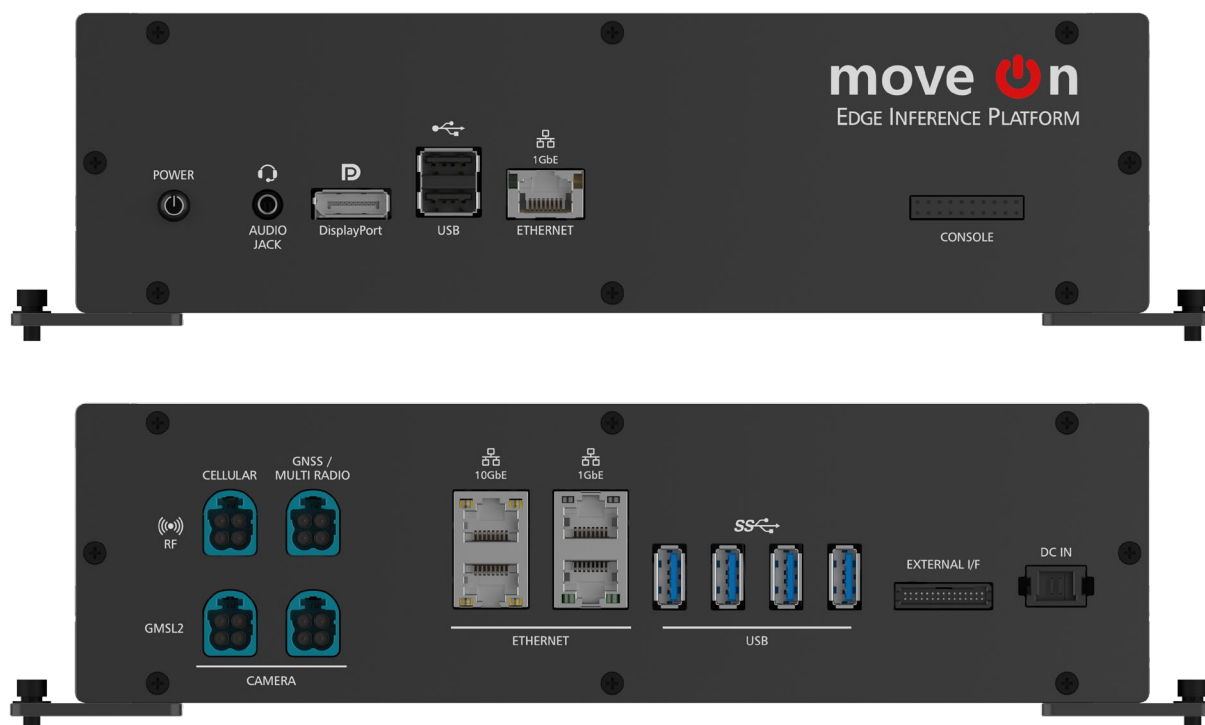
POWERED BY



Specification

System Core	
Processor	NVIDIA® Jetson AGX Orin™
CPU	8-core Arm® Cortex®-A78AE v8.2 64-bit CPU
GPU	with 2048 NVIDIA CUDA® cores and 64 tensor cores
Memory	64GB 256-bit LPDDR5
Storage	64GB eMMC on module
Camera Interface	
SerDes	8x GMSL2 (via Quad mini FAKRA) ** Camera supported - StereoLabs : ZED X One, ZED X Stereo - e-con Systems : STURDeCAM31
Display Interface	
DisplayPort	1x DP1.4a
I/O Interface	
Ethernet	2x 10Gbps, 3x 1000Mbps
USB	4x USB3.2 Gen.1, 2x USB2.0
Serial Communication	2x Multi Protocol (RS232 or RS485/RS422)
CAN	4x CAN-FD (AGX ORIN : 2 CAN Bus / MCU : 2 CAN Bus)
GPIO	4x GPO (12V) or 2x GPO (12V) & 2x GPI (12V)
Audio In/Out	1x 3.5Ø Ear Jack
Storage	
SSD	1x 2242 M.2 KEY M
Wireless connectivity	
Cellular	5G sub-6GHz (via M.2 KEY B)
Wi-Fi	Concurrent Dual band Wi-Fi 2.4 GHz and 5 GHz, 802.11ac/ax (via M.2 KEY E)
GNSS	Multi-band high precision positioning (via M.2 KEY B)
Power Supply	
DC	Typ. 12V
Mechanical	
Dimensions (mm)	248.7(W) x 155.8(D) x 69.5(H) without Wallmount bracket

⋮ Mechanical Layout



⋮ Dimension

