



Powered by
intel

move

Software Defined Platform

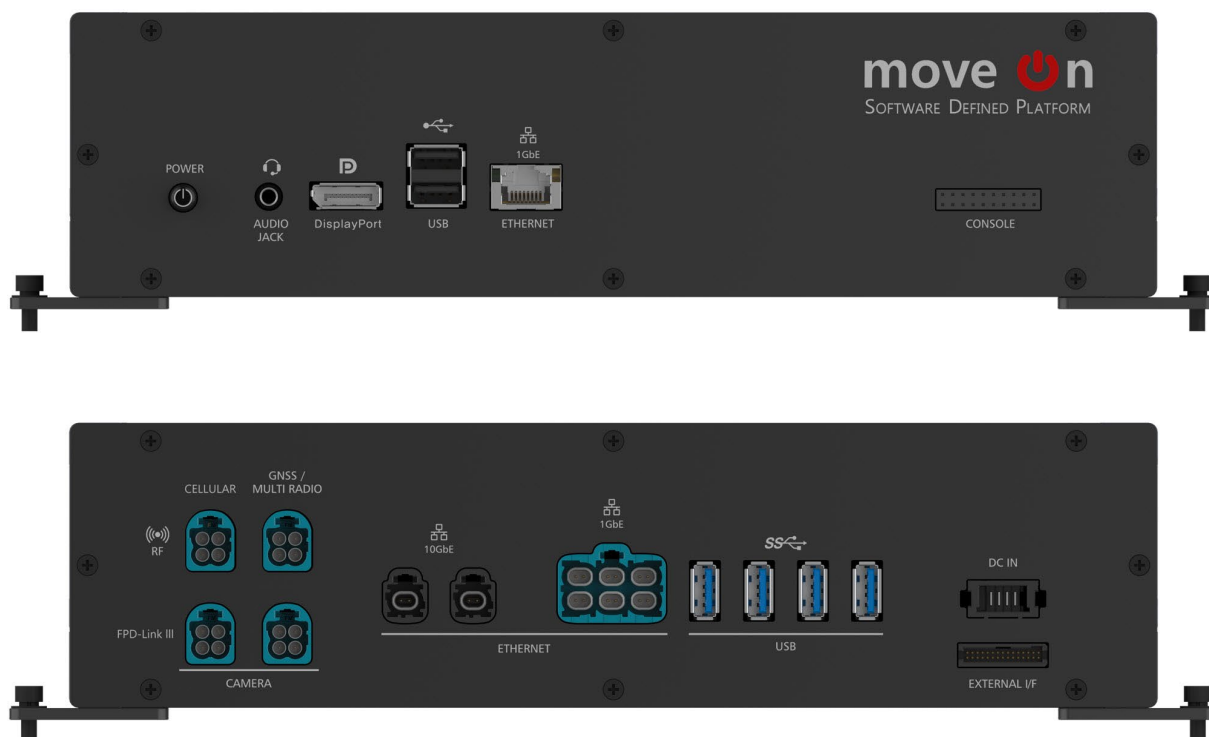
Key Features

- Powered by **Intel 13th Gen Core i7**
- **NVIDIA embedded graphics** based on Ada Lovelace
- Safety architecture supporting with **AURIX™ TC397**
- Seamless speed : **5G, Wi-Fi 6, and 10Gbase-T1**
- Support 8 Channel **FPD-Link III** Interface
- Fully integrated **dead reckoning RTK** solution
- Multiple IO Ports : **CAN-FD, LIN and 10BASE-T1**
- Pre-load **Ubuntu 22.04** image
- **Intel VT-x** ready with **ACRN Hypervisor**

Specification

System Core (per each system)	
CPU	Intel® Core™ i7-13800HAQ Malibou Lake
Graphics	Intel® Iris® Xe
Memory	32GB LPDDR5x
Storage	NVMe SSD 512GB
Acceleration GPU	Embedded NVIDIA® RTX™ Ada Lovelace (ADA2000 / ADA3500 / ADA5000)
Safety Management	
Microcontroller	32-bit TriCore™ AURIX™- TC397
Camera Interface	
SerDes	8x FPD-Link III (via Quad mini FAKRA) ** Camera supported - Sensing : SG3S-ISX031C-F3A
Display Interface	
DisplayPort	1x DP1.4a
I/O Interface	
Ethernet	2x 10GBase-T1, 6x 1000Base-T1, 2x 10Base-T1
USB	4x USB3.2 Gen.1, 2x USB2.0
CAN	6x CAN-FD
LIN	1x LIN Master, 1x LIN Slave
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 concurrent GNSS (GPS/GLONASS/Galileo/BeiDou) with ADR (via M.2 KEY B)
Power Supply	
DC	Typ. 12V
Mechanical	
Dimensions	272(W) x 206.8(D) x 71.2(H) without Wallmount bracket

⋮ Mechanical Layout



⋮ Dimension

