

move

Automated Driving Platform



⋮ Key Features

- Powered by Intel 13th Gen Core i7
- Embedded Nvidia RTX A4500 GPU
- Safety architecture supporting with AURIX™ TC397
- Seamless speed : 5G, Wi-Fi 6, and 10Gbase-T1
- Support 8 Channel GMSL2 Interface
- Multiband high precision & dead reckoning GNSS
- Multiple IO Ports : CAN, LIN and 10BASE-T1
- Pre-load Ubuntu 22.04



⋮ Specification

System Core (per each system)	
CPU	Intel® Core™ i7-13800HAQ Malibou Lake
GPU	Embedded NVIDIA® RTX™ A4500
Memory	32GB LPDDR5x
Flash Storage	UFS2.1 - 256GB
Safety Management	
Microcontroller	32-bit TriCore™ AURIX™- TC397
Camera Interface	
GMSL2	8x GMSL2 (via Quad mini FAKRA)
Display Interface	
DisplayPort	2x DP1.4a
I/O Interface	
Ethernet	1x 10GBase-T1, 4x 1000Base-T1, 2x 10Base-T1
USB	4x USB3.2 Gen.1, 2x USB2.0
CAN	10x CAN-FD
LIN	1x LIN Master, 1x LIN Slave
Audio In/Out	1x 3.5Ø Ear Jack
Expansion	
OCuLink	1x PCIe Gen.4 4-Lane (via OcuLink)
Storage	
SSD	1x 512GB SSD (On Board)
Wireless connectivity	
Cellular	5G sub-6GHz
Multi-Radio	Wi-Fi 6
GNSS	Multi concurrent GNSS (GPS/GLONASS/Galileo/BeiDou) with ADR
Power Supply	
DC	Typ. 12V
Mechanical	
Dimensions	T.B.D.