

## Feature Highlights

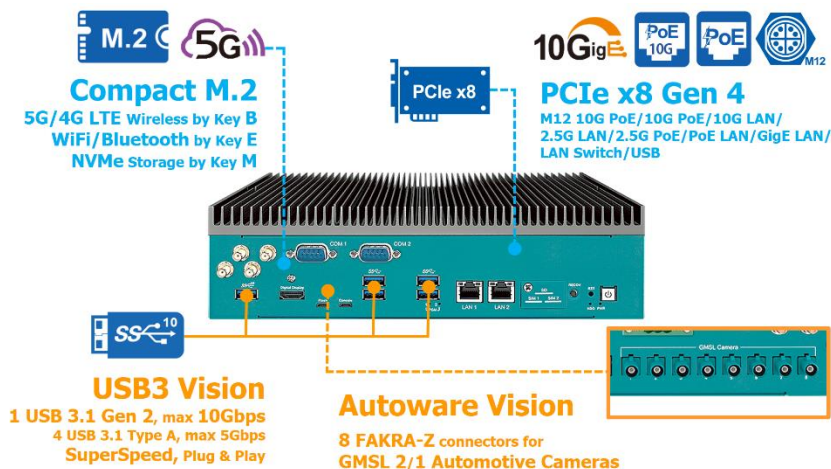
### Power-efficient AI Productivity

- NVIDIA Jetson AGX Orin Platform, max 12-core Arm Cortex-A78AE v8.2 64-bit CPU, up to 275 TOPS AI performance with power configurable between 15W and 60W
- The latest NVIDIA Ampere architecture GPU with max 2048 NVIDIA CUDA cores and 64 Tensor cores
- 2x NVIDIA Deep Learning Accelerate Engines
- LPDDR5x Memory, up to 64GB Up to 8X performance of NVIDIA Jetson AGX Xavier platform



### Flexible Integration

- Supports GMSL Gen 2/Gen 1 automotive cameras via 8 FAKRA-Z connectors
- 2 GigE LAN, 2 COM RS-232/422/485, 2 External SIM Socket
- 5 USB 3.1, up to 10Gbps data transfer
- Multiple Compact M.2 Socket : M.2 Key B, M.2 Key E, M.2 Key M
- 1 PCIe Gen 4 x8 expansion slot supports optional multiple 10GigE LAN/PoE LAN/USB connections
- 8K60 Display, Video Encode, Video Decode



## Mobile Availability

- Compact Size, Rugged Designs
- With power configurable between 15W and 60W, high power efficiency
- Multiple 5G/4G/LTE/WiFi/BT/GPS connection supports always-on wireless communication supporting seamless data delivery
- CAN Bus and FAKRA-Z for Autoware applications
- Software Ignition Control optimized for in-vehicle operation
- Anti-shock, Anti-vibration



## Industrial-grade Reliability

- Fanless -20°C to 70°C operation
- DC 9V to 50V wide range power input
- 16-mode Ignition Power Control
- 2 Isolated CAN Bus, CAN FD supported
- 16 Isolated DIO : 8 DI, 8 DO
- Optional Rugged X-coded GigE LAN
- EN50155 and EN50121-3-2 compliant
- Military-grade MIL-STD-810G Compliant

