



## ► nZone – Zonal Controller

Independent zonal management solution of providing the edge computing capability, improving the overall computing use rate, which fit to further domain fusion/centralized computing E/E architecture.

### ► Technical Details

- **Abundant and Powerful I/O Interface**

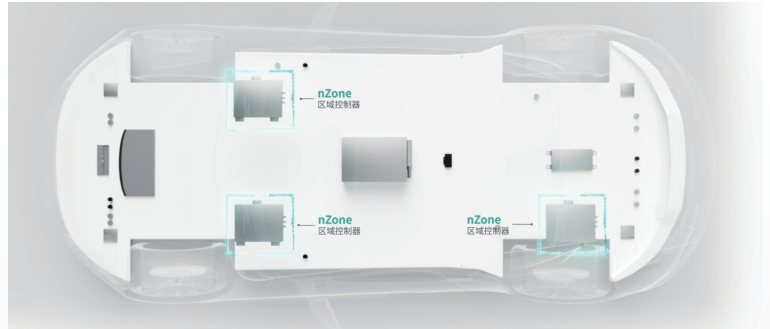
- 10Mbps-2.5Gbps Ethernet
- Direct access to USS

- **Smart Power Distribution (eFuse/eSwitch)**

- Diagnoseable, configurable Power on/off timing and logic
- Less wiring harness and power devices
- Power consumption improvement via lower quiescent current

- **SDV (Software Defined Vehicles)**

- Deployment of signal-service layer on the edge side
- Based on real-time CPU core and AUTOSAR CP
- Increase SW reuse rate for Domain Fusion/CCU



### ► Features

- **Data & Power Hub**

- Highly integrate the I/O and smart power distribution
- Key footing stone of next generation centralized EE/A and SDV implementation

- **Scalable Design**

- Meet the customer specific requirements and diversity of vehicle variants via modular and scalable design

### ► Application

- Replaced Body Controller, VCU, Fuse Box and Central Gateway partially or completely, and reassemble their functions by physical location and region
- Reduce the complexity of E/E architecture and be more effective on SDV