

► nCCU - Central Computing Unit

A system-level product with modularity, easy pluggability, and high flexibility.

► Technical Details

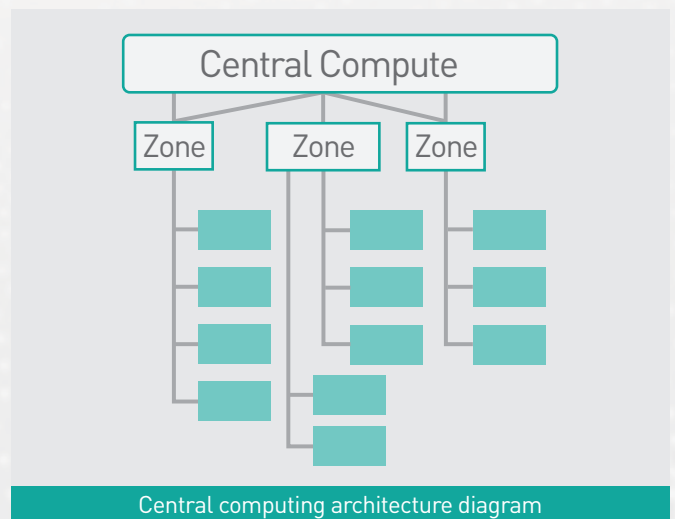
- **System level:** modular structure, easy-to-plug
- **Function level:** support multiple domains and flexible combination of domain functions including cockpit, autonomous driving, gateway and body control
- **Fusion capability:** support inter-chip and intra-chip fusions while meeting the real-time and functional safety level needs
- **Structure:** rack + daughterboard fit for customize needs and continuing upgrade
- **Software level:** hardware independent middleware solution for central computing (JMT)

► Features

- The central computing unit solution fit for the centralized E/E architecture
- This E/E architecture features efficient communication mechanisms, rational allocation of HW resources, and optimized spatial layout
- Supports "Cockpit + ADAS" domain fusion, which can be key approach towards a central super brain



Hardware diagram of Central Computing Unit



Central computing architecture diagram