

Automotive Central Gateway



The Next-Generation Automotive Gateway with Built-In Cybersecurity

Dragon is an advanced Automotive Gateway powered by Renesas' RCAR-S4 solution, designed to offer seamless connectivity, high performance, and robust security for modern automotive applications. Whether it's managing complex data flows between ECUs, facilitating real-time communication for ADAS, or enabling V2X connectivity, Dragon ensures safe, reliable, and efficient operation of your vehicle's critical systems.

What sets Dragon apart is its integrated third-party cybersecurity solution, which enhances the security of in-vehicle networks and systems against evolving cyber threats. This solution provides end-to-end protection, from secure boot to runtime defense, ensuring that your automotive applications remain safe and resilient against potential attacks.

Dragon Specification	
SOC	Renesas R-Car S4
Memory	LPDDR4 4GB
Storage	eMMC 32GB UFS Flash: 128GB NOR Flash : 512Mbit
Ethernet Switch	NXP SJA1110A Ethernet AVB/TSN switch
I/O Connector	High speed data •2x 2.5G BASE-T1 •2x 1G BASE-T1 •1x PCIe Gen 4.0 Ethernet •6x 100 BASE-T1 •1x 100 BASE-TX Traditional vehicle network •16x CANFD •8x LIN
Dimension	278.2mm x 203mm x 51.6mm
Input power	DC 6~18V