



REVOLUTIONIZING VEHICLE DIAGNOSTICS WITH QUALCOMM’S ADVANCED TECHNOLOGY

Sysgration is leading the way in modern vehicle diagnostic solutions with its innovative reference designs, powered by Qualcomm’s cutting-edge technologies. These systems, incorporating Qualcomm’s latest AI processing power, connectivity, and energy efficiency, are designed to streamline and enhance the vehicle maintenance process, transforming the automotive industry.

AI-Driven Diagnostics for Smarter Vehicle Maintenance

Sysgration’s diagnostic solutions leverage Qualcomm’s advanced AI capabilities, enabling real-time, high-performance analysis and predictive diagnostics. This allows for faster, more accurate vehicle assessments, helping technicians identify issues early and optimize repair processes. AI-powered systems improve overall diagnostic efficiency, ensuring better decision-making and reducing the potential for human error.

Key Benefits of Sysgration’s Vehicle Diagnostic Systems Powered by Qualcomm

- AI-Powered Performance**
Sysgration’s diagnostic systems use Qualcomm’s AI to improve accuracy and enable predictive maintenance, identifying issues early to save time, reduce costs, and minimize downtime.
- Seamless Connectivity**
With Wi-Fi 7 and Bluetooth 5.4, these systems ensure fast, reliable data transfer and integration with other devices, enhancing efficiency and speeding up issue resolution.
- Long Battery Life and High Efficiency**
Qualcomm’s energy-efficient technologies extend battery life, reducing charging frequency and ensuring dependable performance during diagnostics.
- Lightweight and Compact Design**
These slim, portable systems are easy to integrate into workflows, offering high usability without compromising performance.
- Sustainability and Cost Reduction**
Energy-efficient components and lightweight materials reduce energy consumption, support ESG goals, lower operational costs, and extend system lifespan.

Reference Design



10.1" Industrial Tablet



8" Industrial Tablet

Empowering the Future of Automotive Diagnostics

Sysgration’s vehicle diagnostic solutions, powered by Qualcomm, combine AI, seamless connectivity, and efficiency to enhance diagnostic accuracy, reduce costs, and support sustainability. These innovations enable automotive businesses to deliver smarter, faster, and more reliable service, keeping pace with the evolving industry.