

Global L2 Driving-parking Integrated Domain Controller Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global L2 Driving-parking Integrated Domain Controller market size was valued at US\$ 2404 million in 2025 and is forecast to a readjusted size of US\$ 7503 million by 2032 with a CAGR of 17.6% during review period.

L2 Driving-parking Integrated Domain Controller is an automotive control unit designed for Level 2 assisted driving and integrated parking functions, combining driving assistance, automatic parking, low-speed maneuvering, perception fusion, decision control, and vehicle communication on one hardware platform. Compared with a broader driving-parking integrated domain controller, this product definition emphasizes cost-effective L2 function coverage, stable mass-production deployment, moderate computing power, multi-sensor access, and reliable control of lane keeping, adaptive cruise, automatic parking, memory parking, and basic urban or highway assistance scenarios. In 2025, production was 7.3 million units and the average price was USD 320 per unit. The industry's capacity utilization rate in 2025 was about 65%, and the average gross margin was around 26%. Upstream, the key components mainly include high-computing automotive-grade SoC chips, memory chips, PMIC power management chips, and Ethernet switch chips, with representative suppliers such as Horizon Robotics, SemiDrive, and Micron Technology providing core computing, processing, and storage components. The midstream segment focuses on domain controller hardware design, sensor interface integration, computing platform configuration, L2 driving-assistance algorithm adaptation, parking algorithm calibration, vehicle communication design, thermal management, functional safety validation, software calibration, system testing, and vehicle-level integration, which together determine computing efficiency, control stability, safety reliability, software scalability, and cost

competitiveness. Downstream, L2 Driving-parking Integrated Domain Controller is mainly used in passenger cars and commercial vehicles, helping vehicle platforms integrate assisted driving and parking functions into a unified control architecture, with representative customers including Toyota, Volkswagen, and BYD.

For L2 Driving-parking Integrated Domain Controllers, the main growth logic is not only higher automation, but the migration of assisted driving and parking from premium models into mainstream vehicle platforms. Passenger cars are using L2 functions as standard configuration to improve lane keeping, adaptive cruise, automatic parking, and low-speed maneuvering experience, while commercial vehicles value safer fleet operation and easier driver assistance in yards, depots, and urban roads. As OEMs control cost while expanding assisted-driving penetration, this controller category will be judged by computing efficiency, sensor compatibility, parking algorithm maturity, functional safety, software scalability, and platform reuse across multiple vehicle models.

This report is a detailed and comprehensive analysis for global L2 Driving-parking Integrated Domain Controller market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global L2 Driving-parking Integrated Domain Controller market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global L2 Driving-parking Integrated Domain Controller market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global L2 Driving-parking Integrated Domain Controller market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global L2 Driving-parking Integrated Domain Controller market shares of main players,

shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit),
2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for L2 Driving-parking Integrated Domain
Controller

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global L2 Driving-parking Integrated Domain Controller market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Continental/Aumovio (Germany), Bosch (Germany), Huawei (China), Aptiv (USA), Valeo (France), Desay SV (China), Neusoft Reach (China), Foryou Corporation (China), Jingwei Hiain (China), iMotion Automotive Technology (China), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

L2 Driving-parking Integrated Domain Controller market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Entry-Level Domain Controller

Highway NOA Domain Controller

Urban NOA Domain Controller

Others

Market segment by Computing Power

Computing Power?50TOPS

50TOPS

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