<Pilot>
Automated-Driving Control Unit

GIGABYTE™

The GIGABYTE <Pilot> Series

Intel® Xeon® / 9th-Gen Core™ with A.I. Accelerator : NVidia MXM GPU / Intel® Movidius™ VPU

An automated-driving control unit is the core controller of autonomous vehicles or auto-pilot related applications . The GIGABYTE <Pilot> product series is designed to provide developers and engineers with a complete product portfolio that supports the development of functions for automated driving by means of high computation power, high bandwidth, rich external interfaces and great durability.

Key Features

- High processing performance: configurable NVidia MXM GPU, suitable for ADAS Level 3 applications.
- Rich interfaces: for Lidar, camera, Ethernet, POE, CAN.
- Design flexibility: multiple OS options, FLEXIO, isolated DIO for sensing units, supports 5G, GPS, Wi-Fi.
- Durability: MXM, M12, fanless, wide range power, power management.

Applications

Autonomous Vehicle

Autonomous Vessel

Electric Bus

Smart Logistics

Autonomous Golf Cart

Automated Mobile Robot

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