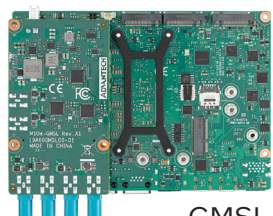
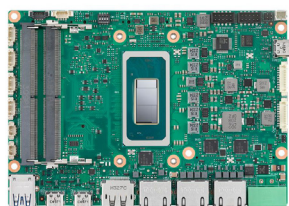
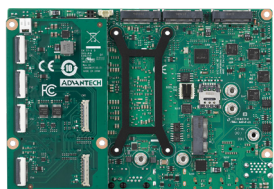


AFE-R360DVK Series: Streamlining Hardware and Software Integration for AI-Powered Robots



GMSL



MIPI

AFE-R360 MIPI/GMSL Camera Solution Dev Kit Powered by Intel® Core™ Ultra Processors

The [AFE-R360 Robotic Development Kit](#) accelerates intelligent robotics innovation by combining essential hardware, camera interfaces, and a ready-to-use ROS2 environment in one streamlined package. Built on Intel® Core™ Ultra processors with integrated AI acceleration, the kit supports MIPI or GMSL camera inputs, enabling high-performance vision processing and SLAM navigation. Advantech's Robotic Suite simplifies sensor data access and AI model deployment, reducing development time and complexity. This solution empowers developers to build responsive, autonomous robots with real-time perception and decision-making capabilities—bringing advanced edge AI performance directly into robotic systems.

Key Features



Integrated AI
Compute



Rich I/O
Interfaces



Multi-Camera
Support



Preloaded
Dev Tools

Intel Products & Technology



[Intel® Core™ Ultra Processors](#)

Additional Resource

[Unboxing AFE-R360 Robotics Dev Kit |
Start Your Robotic Application with Ease](#)

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