

# Edge AI Powers Real-Time Smart Home Automation Engine

## IrisGo-mcp

IrisGo-mcp delivers intelligent, real-time smart home automation by combining agentic AI with edge computing to eliminate latency, enhance privacy, and enable context-aware living environments. By processing data locally on Intel® Core™ Ultra processors with integrated CPU, GPU, and NPU capabilities, the solution continuously learns user behavior and dynamically adapts automation across devices.

Built with the OpenVINO™ toolkit, Intel® oneAPI Toolkit, and OpenCV, IrisGo-mcp accelerates AI inference and optimizes performance across diverse edge workloads. Its MCP-enabled architecture ensures seamless integration with IoT ecosystems while maintaining scalability for future expansion. The result is a responsive, secure, and personalized automation platform that transforms homes and retail spaces through efficient, hardware-optimized intelligence.



*Intelligent edge AI that delivers **adaptive, low-latency automation** while keeping **data secure on-device***

### Key Intel-Enabled Features



Low-Latency Edge AI



Enhanced Data Privacy



Adaptive Context Engine



Seamless IoT Integration

### Accelerate Business Transformation with Optimized, Ready-to-Deploy, Intel-Powered AI Partner Solution

- Intel® Core™ Ultra CPUs and NPUs enable rapid, real-time local AI processing
- Intel-based edge processing keeps sensitive user data secure and on-device
- OpenVINO™ optimizes AI models for real-time learning and behavior changes
- oneAPI enables scalable, efficient connectivity across smart IoT devices

### Intel Products and Technologies

- [Intel® Core™ Ultra Processors](#)
- [OpenVINO™ toolkit](#)
- [Intel® oneAPI Toolkit](#)
- [Intel® Arc™ Graphics](#)

### Ordering Guidance:

- [Contact Us](#)

**Country/Geo:** Worldwide

**Edge Verticals:** Health & Life Sciences; Retail; Video Safety & Critical Infrastructure

**Edge Use Cases:** Virtual Care; Smart Buildings; Building Management Systems

### Learn more:

- [IrisGo Website](#)

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