

Intelligence is Your Edge

Powered by Intel



WINDRIVER

Revolutionizing Edge AI: Deployable Configurations with Intel, Wind River, and Supermicro

Intel and Wind River are developing a Verified Reference Configuration for Edge AI inferencing, leveraging the Wind River eLxr Operating System and Supermicro IoT SuperServer (SYS-E403-13E0FRN2T) with 5th Gen Intel® Xeon® Scalable Processors and Intel® Arc™ B580 Graphics. This solution integrates a performant OS with cloud-native technologies, enabling deployable Edge AI configurations across various use cases. The Intel® AI System for Edge Verified Reference Blueprint simplifies design choices by bundling hardware and software, ensuring predictable high performance, scalability, and security. By optimizing designs with the Wind River eLxr Operating System, Intel further enhances security, performance, and ease of deployment for end customers.

Intel Product and Technology



5th Gen Intel® Xeon® Scalable Processors

5th Gen Intel® Xeon® Scalable processors deliver advanced AI acceleration, enhanced security, and improved efficiency, optimizing performance for cloud, edge, and data center workloads.



Intel® Distribution of OpenVINO™ Toolkit

OpenVINO™ toolkit accelerates AI inference with lower latency, higher throughput, and optimized hardware use, enabling efficient deep learning in computer vision, LLMs, and generative AI.