Product Brief

Counter-UAV System: Next-Generation Drone Defense for Military and High-Security Environments

Next-Gen AI Defense for Critical Missions & Secure Operations

The 7Starlake Counter-UAV System delivers next-generation drone defense for military, critical infrastructure, and high-security environments. Engineered for rugged reliability, it integrates the AV600-RH-A45 IP65 Military GPU Computer powered by Intel® Core™ i7 processors and the Cloud15-PX6 Panel PC featuring the Intel® Xeon® processor. Leveraging the OpenVINO™ toolkit, the system enables accelerated AI for real-time threat detection, trajectory prediction, and autonomous response. Advanced sensor fusion and AI analytics ensure rapid identification and precise countermeasures, even in harsh conditions. This powerful combination of hardware and software provides a robust, intelligent solution for modern aerial threats, making it ideal for mission-critical operations where speed, accuracy, and durability are essential.

Key Features

- Autonomous Response
- Rugged Reliability
- Real-Time Threat Detection
- Cross-Platform Workload Integration

Intel Products & Technology

- Intel® Core™ Processors
- OpenVINO™ Toolkit
- Intel® Xeon® Processors
- Intel® oneAPI Toolkit

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