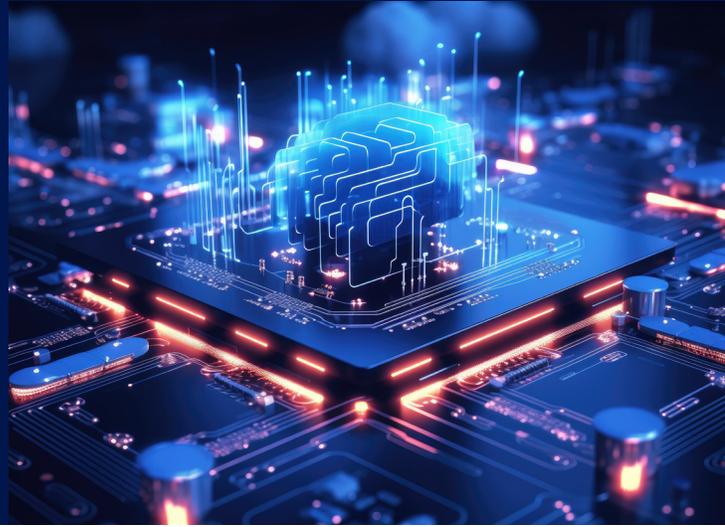


Edge Platform for Hybrid & Scalable AI Computing



AIR-355



Compact Edge AI System Powered by Intel® Core™ Ultra Series 3 Processors

The [AIR-355](#) addresses the inefficiency of “always-heavy” edge computing by implementing a Hybrid AI Architecture that optimizes power allocation. Traditional systems waste energy by running high-power GPUs for routine monitoring; the AIR-355 solves this by assigning 90% of continuous tasks to the efficient Intel® Core™ Ultra Series 3 processors, only waking the scalable MXM GPU for complex “burst” inference or GenAI tasks. This tiered strategy significantly lowers Total Cost of Ownership (TCO) and reduces thermal maintenance needs. Key features include a compact 59mm industrial chassis, rich connectivity with 4x 2.5GbE ports and USB4, and expandable AI performance reaching 400 TOPS via MXM 3.1 Type-A support. Distinct from standard embedded systems, the AIR-355 uniquely fills the “missing middle” performance gap (180-600 TOPS), offering a future-proof, scalable solution for smart cities and automated optical inspection (AOI).



Key Features



Hybrid AI Computing Architecture



Scalable AI Performance



Rich & High-Speed Connectivity



Compact & Rugged Design

Intel Products & Technology



[Intel® Core™ Ultra Processors](#)



[OpenVINO™ Toolkit](#)

[Intel® Deep Learning Boost](#)

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