

Accelerated AI CT Analysis to Support Early Detection

The Box

Nanox.AI's The Box is an on-premise, turnkey edge device that is designed to deliver real-time CT analysis to support earlier disease detection and intervention. Designed for healthcare environments where speed, reliability, and data control are critical, the solution processes imaging workloads directly within the facility.

Healthcare systems often face infrastructure and IT complexity when deploying advanced software at scale. The Box enables streamlined edge deployment with minimal integration overhead, allowing organizations to evaluate performance and workflow impact before broader rollout.

The Box incorporates advanced Intel® Core™ Ultra processors and industry-standard AI optimization frameworks to support efficient processing of imaging workloads at the edge. This approach enables responsive analysis without reliance on cloud connectivity and supports scalable deployment as healthcare organizations expand their AI capabilities.



On-device AI transforms CT scans into actionable, rapid clinical insights.

Key Intel-Enabled Features



Low-Latency AI



On-Device Inference



Efficient Edge Compute



Optimized CT Models

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

- Real-time CT analysis powered by the Intel Core Ultra processor's hybrid architecture, accelerating FP16 inference via OpenVINO™ Toolkit for faster model responsiveness.
- Stable, high-quality results enabled by optimized FP32 CPU execution, supporting clinical reliability across workloads.
- Edge-ready operation made possible by Intel's integrated AI accelerators, reducing latency without cloud dependence.

Intel Products and Technologies

- [Intel® Core™ Ultra Processors \(Series 2\)](#)
- [OpenVINO™ Toolkit](#)

Ordering Guidance:

- [Contact Us | Nanox AI](#)

Country/Geo: Europe, Middle East, and Africa; United States; Canada

Edge Verticals: Health & Life Sciences

Edge Use Cases: Image Analysis

Learn more:

- [Nanox AI Website](#)

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