

# Real-Time AI Monitoring for Safer Patient Care

## Edge AI Healthcare Monitoring Platform



*By leveraging Intel® technologies, ADM Informática Edge AI Healthcare Monitoring Platform by ADM Informática helps healthcare providers overcome cloud dependency, improving responsiveness, data privacy, and operational continuity.*

The ADM Informática Edge AI Healthcare Monitoring Platform delivers real-time clinical monitoring through local AI-powered analysis of vital signs, including ECG, SpO<sub>2</sub>, PPG, and blood pressure. Running on the ASUS NUC 16 Pro powered by Intel® Core™ Ultra X9 processors within the Intel® Core™ Ultra Series 3 family and optimized with the OpenVINO™ toolkit, the platform performs inference directly at the edge, eliminating dependence on cloud-based processing for critical healthcare workloads. This approach provides unprecedented<sup>1</sup> low-latency response, enhanced data privacy, reduced bandwidth consumption, and continuous operation even in environments with limited connectivity. Unlike GPU-dependent architectures that require higher power consumption and costly infrastructure, the solution leverages Intel® CPU-based acceleration to efficiently execute AI models with exceptional performance and scalability. The platform continuously detects anomalies, supports early intervention, enables remote patient monitoring, and integrates seamlessly with hospital ecosystems through HL7/FHIR standards. By combining Edge AI, Intel® Core™ Ultra Series 3 processors, and OpenVINO™ optimization, healthcare organizations gain faster insights, lower operational costs, and more reliable clinical decision-making at the point of care.

*The ADM Informática Edge AI Healthcare Monitoring Platform delivers **real-time clinical monitoring** with unprecedented<sup>1</sup> privacy and ultra-low sub-millisecond latency, enabling enhanced security and instantaneous AI inference directly at the point of care.*

<sup>1</sup> Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

## Intel Products & Technologies

Accelerating AI and analytics at the edge



[Intel® Core™ Ultra  
Series 3 Processors](#)



[Intel® Core™  
Processors](#)



[Intel® Xeon® 6  
Processors](#)



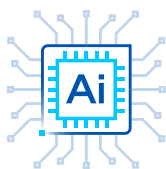
[Intel® Arc™  
Graphics](#)



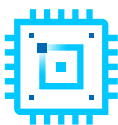
[OpenVINO™  
Toolkit](#)

# Key Intel-Enabled Features

Real-Time AI and analytics make it easy



Sub-ms AI



NPU-Ready AI



CPU AI Acceleration



Strong Data Privacy

Powered by Intel® processors and optimized with OpenVINO™ toolkit, ADM Informática and ASUS deliver:

01



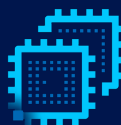
OpenVINO™ toolkit optimizes AI across CPU and NPU

02



Intel® Core™ Ultra Series 3 processors enable local AI processing

03



Intel® CPUs accelerate real-time AI inference at the edge

04



Local AI on Intel® platforms keep patient data on-site

That's the power of Intel Inside®.

## Country/Geo:

Worldwide

## Verticals:

Healthcare & Life Sciences

## Use Cases:

Patient Monitoring; Image Analysis; Clinical Decision Support; Lab Automation; Virtual Care; Genomics Informed

## About ADM Informática

Founded in 1987, ADM Informática is a Brazilian firm specializing in Business Management, Data Processing, IT, Accounting Services, and Tax Advisory. ADM Informatica develops AI-powered healthcare and edge computing solutions that improve operational efficiency, clinical decision-making, and patient outcomes through secure, real-time analytics and intelligent automation.

[admbusiness.com.br](https://admbusiness.com.br)

[Edge AI Healthcare Monitoring Platform - Edge AI Partner Spotlight](#)

intel ai

Intel® AI Edge Applications

## About ASUS

ASUS is a global technology company driven by innovation and passionate about enhancing digital life. It designs and delivers a broad range of products and solutions that empower people and organizations, combining cutting-edge engineering, quality, and sustainability to create intuitive, reliable experiences for users worldwide.

[www.asus.com](https://www.asus.com)

[ASUS NUC 16 Pro - Edge AI Partner Spotlight](#)

intel ai

Intel® AI Edge Systems

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