kontron x intel

Multimodal Oncology
AI at the Edge



RSNA 2026 | LIVE DEMONSTRATION

Connecting Medical Imaging, Genomics, and Clinical Context

Bringing Oncology Data Together for More Informed Decisions

Medical imaging, genomics data, and clinical records often exist in separate systems, making it difficult for healthcare teams to see the full picture. Kontron and Intel® demonstrate how edge AI can connect these data sources into a unified workflow while keeping sensitive data close to where it is generated.

- **Connect Multiple Data Sources**
  Combine medical imaging, genomic findings, patient information, and relevant clinical evidence.
- **Analyze with AI at the Edge**
  Process imaging and genomic data locally, correlate findings, and retrieve supporting evidence.
- **Generate Structured Summaries**
  Produce evidence-grounded oncology discussion drafts that organize findings and highlight information for clinician review.

https://www.kontron.com/cg2500/medical

For more information, contact us at
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Why Edge AI Matters

Keep Data Local

Support on-premises processing of sensitive medical information while reducing dependence on cloud connectivity.

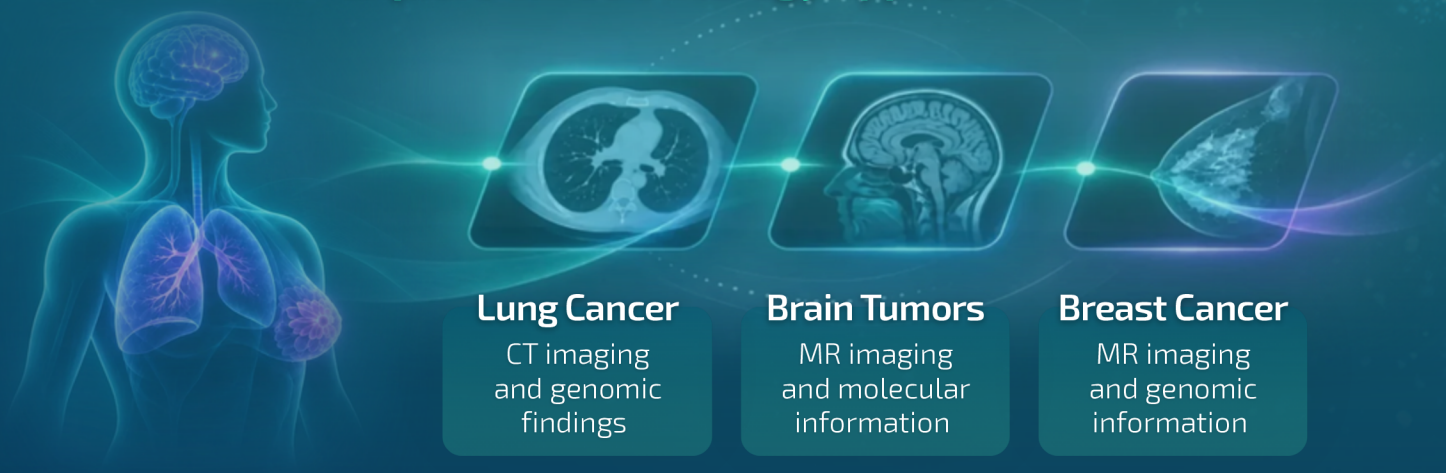
Bring AI Closer to the Point of Care

Support predictable performance and flexible deployment for demanding healthcare AI workloads.

Streamline Complex Workflows

Help organize fragmented oncology information into structured, review-ready outputs.

Explore Three Oncology Applications



Lung Cancer

CT imaging and genomic findings

Brain Tumors

MR imaging and molecular information

Breast Cancer

MR imaging and genomic information

Powered by Kontron x Intel®

The demonstration runs on the Kontron CG2600 AI Edge Server, powered by Intel® Xeon® Scalable processors.

Intel's OpenVINO™ Toolkit and Intel AI software optimizations provide tools for accelerating AI inference, optimizing workloads, and supporting deployment across Intel architecture.

Together, Kontron and Intel provide a scalable computing foundation for medical imaging OEMs, healthcare technology developers, and AI solution providers.

EXPERIENCE THE DEMO AT RSNA 2026

See how Kontron and Intel are bringing multimodal oncology AI to the edge.

Scan to explore the solution and connect with our team.

kontron.com/en/shows/rsna-2026

OncoBridge is a research demonstration and is not intended for diagnosis, treatment selection, or clinical decision-making. Production medical use requires appropriate validation and regulatory review.