ADVANTECH

Edge Computing & WISE-Edge in Action

Enabling Scalable Video at the Edge

Dom Mrakuzic, Key Account Manager

Sat, Sep 13, 2025

IBC'25 VPU Eco System Tech Stage

iHealthcare
iCity Services & iRetail
iEnergy
iFactory
iEquipment

Video Is Scaling Faster Than Infrastructure

Multi-4K streams and cloud production are growing fast

Costs, power, and latency become the blockers

Integration is hard at the edge

Purpose-Built Platforms for the Edge

Global leader in industrial & edge computing

Built for reliability: medical, industrial, broadcast

Partner mindset: we co-design and support end-to-end

What Customers Tell Us

OPEX/CAPEX is too high to scale

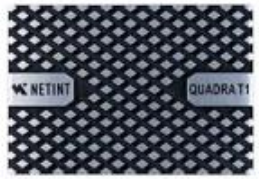
Power & thermals limit density

HW + SW + codecs = complex integration

Uptime at the edge is non-negotiable

NETINT - ADVANTECH

low-power, high-density ASIC encoding + rugged, modular edge platforms



Together: higher channel density, lower cost, smaller footprint

Performance, Efficiency, Scalability

NETINT - ADVANTECH

Compact, half-rack edge server

Ideal for OB vans, mobile broadcast, and edge workflows

Reliable and fast to deploy

AV1, HEVC, and H.264 real-time video encoding up to 8K resolution with 10-bit HDR.

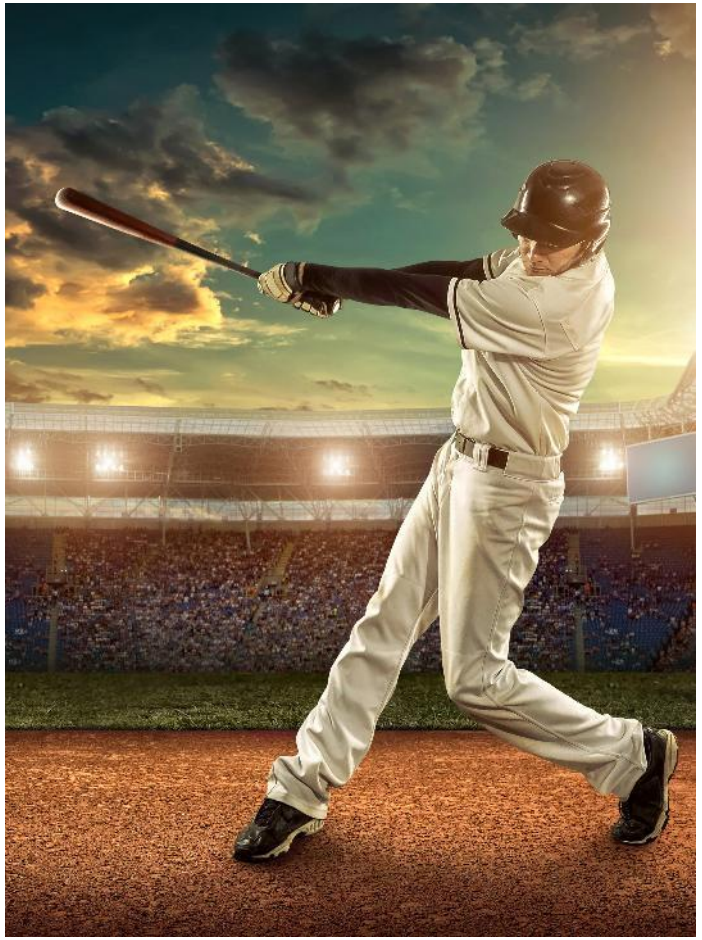
Quadra Mini Server

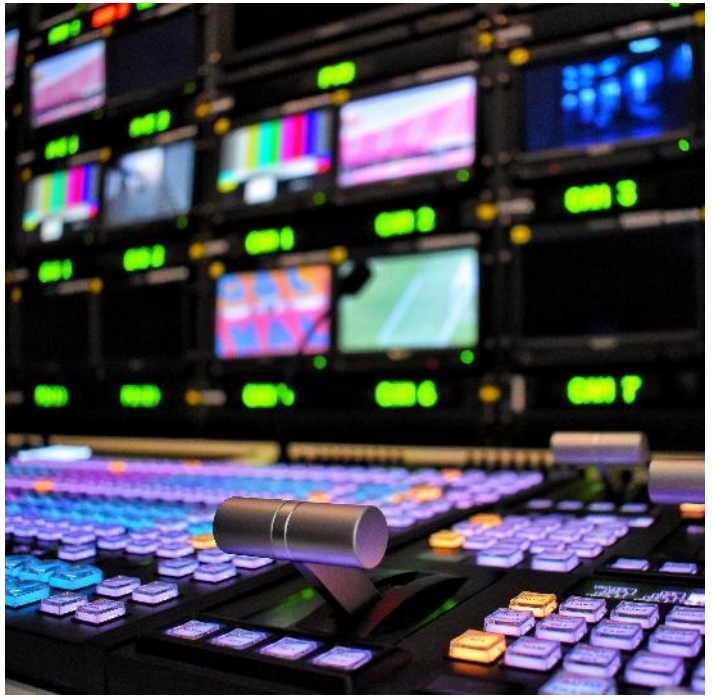
Outcomes That Matter

Multi-4K streaming without massive racks

Lower power -> lower cost & greener ops

Edge-ready reliability for live workflows





Enabling an Intelligent Planet

Why Advantech

Advantech is a leading provider of innovative products, services, and solutions. We offer comprehensive system integration, hardware, software, customer-centric design services, embedded systems, and global logistics support. We work closely with our partners to provide complete solutions for a wide range of applications in different vertical segments.

Partnering Beyond the Box

Co-design pilots and rollouts

Scale without rip-and-replace

Ecosystem integration (encoding, storage, cloud)

Future-ready for new codecs and AI at the edge

What’s Next

SUNDAY | SEPT 14 | 10 am

Powering the Next-Gen Video Infrastructure
Thomas Lien (Advantech)

Join Thomas Lien from Advantech as he explores how Advantech and NETINT are working together to deliver high-performance, scalable video solutions for edge and cloud applications.

With a deep dive into Advantech’s video platforms and integration capabilities, Thomas will show how combining NETINT’s powerful encoding VPUs with Advantech’s flexible hardware creates purpose-built solutions for live streaming, transcoding, and remote production. Learn how this collaboration enables customers to reduce costs, increase channel density, and accelerate deployment of next-gen video services.

Thomas Lien, Video Product Manager (Advantech HQ)

Thomas Lien, a Senior Manager in the Industrial Cloud & Video Group at Advantech, is a seasoned video solution architect with over 20 years of experience. He is well-versed in various live video streaming, video acquisition, and recording applications, including broadcasting, remote production, and industrial IP video transition.

His key contributions at Advantech include leading the expansion of the Industrial Automation Group's business in edge sensing and authoring the Quick Start Manual for the Advantech VEGA-2001 12G-SDI/HDMI box. His experience extends across industrial automation, intelligent transportation, and industrial AI.

SAVE YOUR SPOT