



EASYTOOLS



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VIDEO DISTRIBUTION : Ultra High Density Transcoding Solution

Slash costs with 10x more efficient transcoding

Multiple input and output sources mean you need many servers for transcoding. It's expensive to buy, operate, maintain, and replace those servers. With the EasyTools Video Distribution Ultra-High Density Transcoding solution, you can transcode your live streams and files into multiple formats, **while slashing transcoding costs thanks to 10x higher density.**

This solution is ideal for sports streamers who need to deliver multiple live events simultaneously to a global audience at broadcast quality. Traditionally, this would require a substantial investment in server infrastructure and result in high energy consumption. With the combined power of EasyTools' modular software and NETINT's Quadra VPU family, streamers and broadcasters delivering OTT or through other digital infrastructures can drastically cut infrastructure requirements, replacing ten servers with just one. This slashes capital expenditure and reduces energy usage as well as maintenance and replacement costs.

Divide by 10 the number of servers you need – while also drastically reducing your electricity bills.

FEATURES

- Ultra-high density
- Multiple input & output sources
- Broadcast quality
- Low energy consumption

BENEFITS

- Reduce Capex
- Lower Opex
- Minimise environmental impact

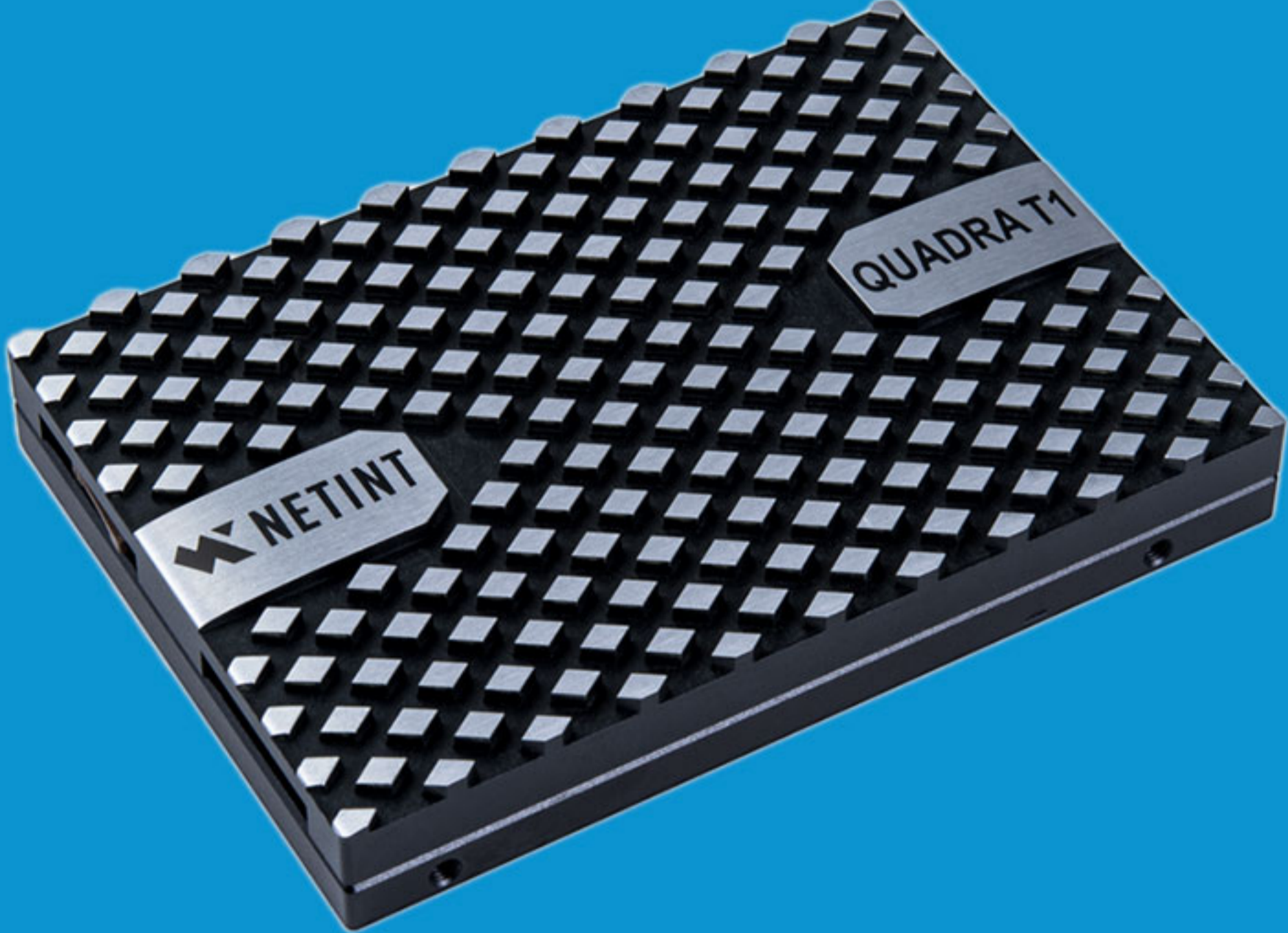
USE CASES

- Live transcoding
- Especially suited for transcoding multiple live events simultaneously for global audiences



SPECIFICATIONS

- Based on NETINT Quadra VPUs
- Supports raw video inputs such as SDI and HDMI
- Compatible with Commercial Off-The-Shelf (COTS) servers

Form Factor	U.2	
Interface	PCIe 4.0 x4	
Power Consumption (Typ)	17W	
Usage	24/7 Operation	
Product Health Monitoring	Self-Monitoring, Analysis, and Reporting Technology (SMART) commands Temperature monitoring and logging	
Video Decoding	AVC/H.264 Baseline, Main, High, High 10 HEVC/H.265 Main, Main 10 Progressive* Interlaced streams will be deinterlaced in SW	
Video Encoding	AVC/H.264 Baseline, Main, High, High 10 HEVC/H.264 Main, Main 10 Progressive	
Level	1 to 6.2 main tier	
Resolution	32 x 32 to 8192 x 5120	
Scan Type	Progressive	
Bitrate	64kbit/s to 700Mbit/s	

Contact us for a demo : info@easytools.com

About EasyTools

Founded in Paris in 2019, EasyTools makes broadcasting and streaming affordable with flexible and reliable video infrastructure solutions. Our modular software enables customised workflows for video contribution, processing, distribution, and monitoring. Trusted by top-tier broadcasters and operators in France, we also serve clients across Europe and Latin America, empowering them to streamline their operations and deliver high-quality content efficiently.

Learn more at easytools.tv.