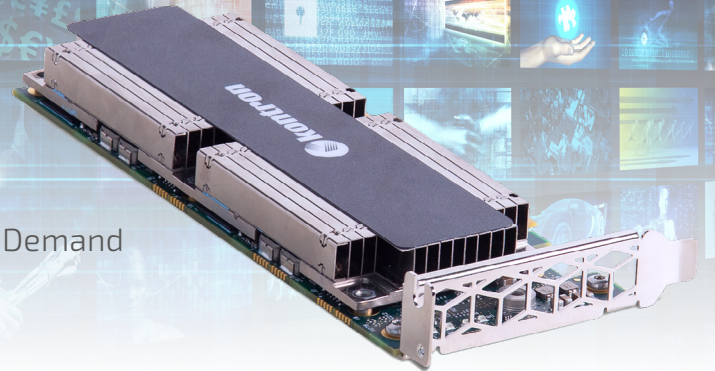# PCIe-2SG1

Optimized for Video Encoding to Meet Growing Demand

CHALLENGE

▸ Partnering with a trusted hardware leader to offer a competitive solution based on both low total cost of ownership (TCO) and reduced cost-per-stream

▸ Optimizing video bandwidth to ensure seamless customer experience for on-demand videos without streaming delays

▸ Delivering higher-density video content on-demand using lower power consumption while still providing excellent video quality and speed

SOLUTION

▸ Implementing Kontron's newest PCIe-2SG1 card to deliver higher-density video content using the reliable Intel GPU hardware acceleration

▸ Taking advantage of Kontron's hardware acceleration card for video encoding, resulting in better customer experience

▸ Providing higher video transcoding capacity with minimized power consumption to meet market challenges to preserve the planet while increasing performance

BENEFITS

▸ Partnering with Kontron means a guarantee of quality, performance, and reliability

▸ Resulting in a greener and more competitive video technology with an optimized data center to reduce the carbon footprint

▸ Delivering eco-friendly performance and lower TCO while preserving video quality

▸ Learn more about the PCIe-2GS1:
PCIe-2SG1 | Kontron

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