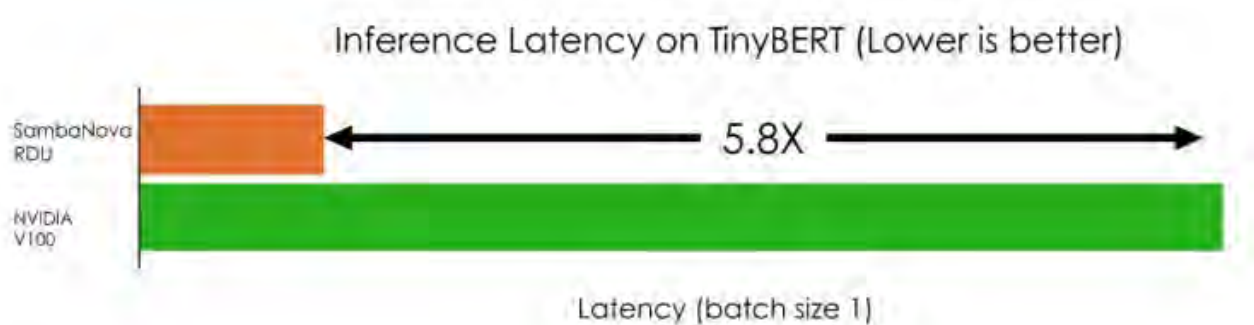


When AI Performance Matters

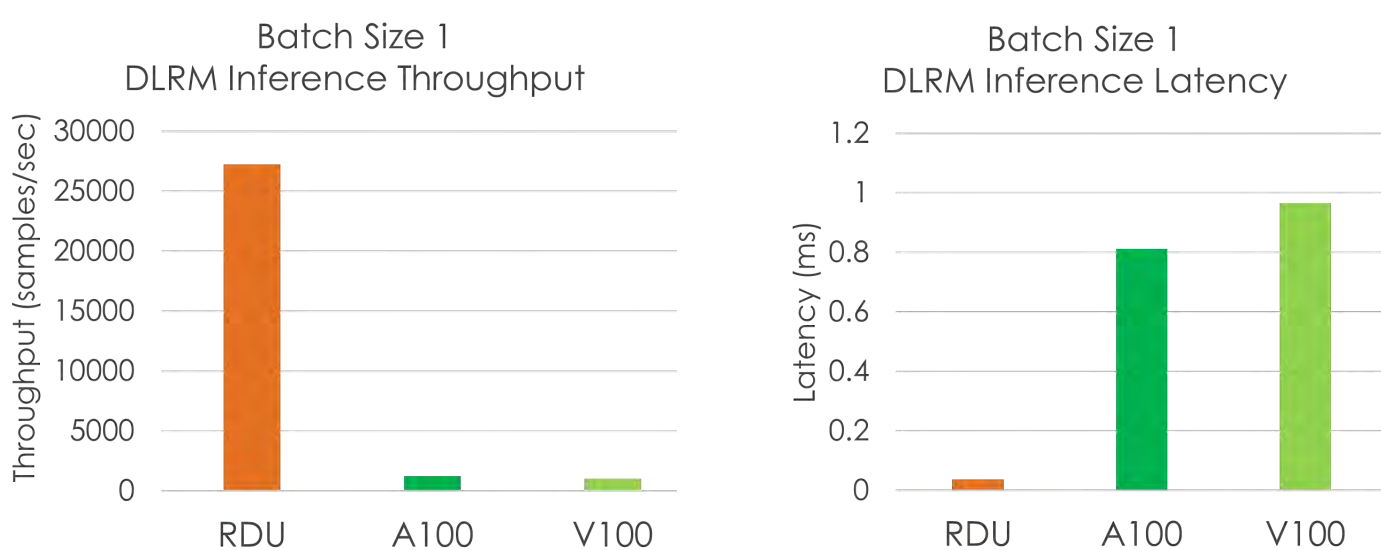
[IDC](#) reports that AI is the most impactful workload that is driving computing and storage toward an increasingly purpose-built infrastructure.



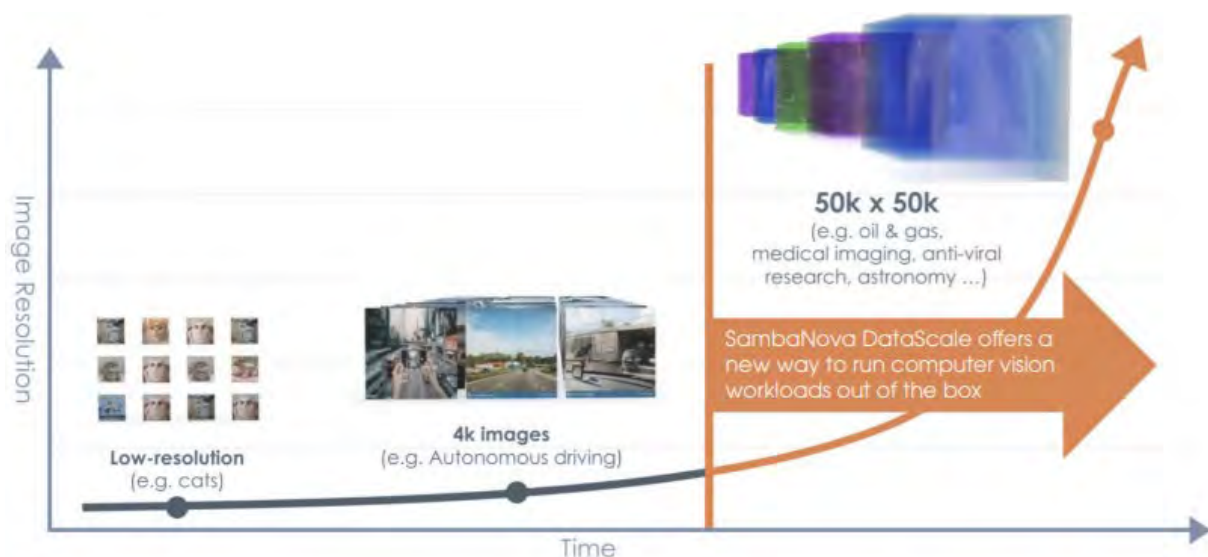
On **natural language processing (NLP)** text classification task, the ORock AI Cloud powered on SambaNova attains a **5.8X latency improvement** over Nvidia.



The ORock AI Cloud powered on SambaNova deep learning **recommender** machine (DLRM), provides a **20X improvement** in throughput and latency when compared to Nvidia.



ORock AI Cloud can train large **computer vision** models with high-resolution images. SambaNova trains Unet effortlessly while Nvidia fails from lack of memory for **4k to 50k Convolutions**.



The ORock AI Cloud powered on SambaNova Systems supported by Cloud Engineers and Data Science Experts