

Best For	GPU	Memory	AI Performance	HPC Performance
- Memory-Bound Ai Workloads - Double-Precision Scientific Simulations (Fp64) - Ai-Enhanced Hpc Workloads - Inference At Scale	H200 (PCIe, HGX SXM5)	141GB HBM3e	Very High	High
- Large Language Model (Llm) Training - Multimodal Generative Ai - Multi-Gpu Distributed Training - Ai-Accelerated Scientific Research	B200 (PCIe, HGX SXM6)	Up to 192GB HBM3e	Low	Very High
- Ai Inference At The Edge - Content Creation And Rendering - Multi-Application Workflows In Small Workstations - Video Encoding/Decoding For Professional Media	RTX PRO™ 2000 (PCIe)	16GB GDDR7	Extreme	Low
- Generative Ai And Neural Rendering - Real-Time 3d Design And Simulation - Scientific Visualization And Data Science - High-Performance Video Editing And Streaming	RTX PRO™ 4000 (PCIe)	24GB GDDR7	Moderate	Low
- Engineering Simulations And Vr Environments - Cinematic Rendering And Neural Graphics - Scientific Computing And Data Visualization	RTX PRO™ 4500 (PCIe)	32GB GDDR7	Moderate	Low