Which GPU should I use?

Choosing the proper GPU depends on the resource requirements of your operating system and applications. Essential factors include GPU cores, GPU frame buffer (vRAM), and API support such as CUDA, DirectX, OpenGL, RTX, or Tensor Cores. Don’t assume that GPU slicing (e.g., NVIDIA vGPU or AMD vGPU) is always enough, or that a dedicated 1:1 GPU is always necessary. Understanding your specific workload needs is essential to ensure the right balance of performance and cost. Remember that the GPU is just one part of the overall system—CPU, memory, storage, and network performance also play key roles.

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