



NVIDIA® Quadro® Upsell for Desktop and Mobile

This chart will help you guide your customer to the best NVIDIA Quadro graphics card for their current and future needs.

	ENTRY	BASIC	MID-RANGE	UPPER RANGE	HIGH END	ULTRA HIGH-END
SOLUTIONS						
DESKTOP	Quadro P620 Quadro P400	Quadro P2000 Quadro P1000	Quadro P4000 ²	Quadro P5000 ²	Quadro P6000 ²	Quadro GV100 ² Quadro GP100 ² Multi-GPUs (Quadro + Quadro)
MOBILE	Quadro M620 Quadro M520 ¹	Quadro M2200 Quadro M1200	Quadro P3000	Quadro P4000 ²	Quadro P5000 ²	
TARGET USE						AI
				Oil & Gas		
	Manufacturing / Design					
		Medical				
	AEC					
		Media & Entertainment				
UPSELL	Small/simple CAD models, Video, entry PLM	Medium size/complexity CAD models, basic DCC, Medical Imaging, PLM	Large/complex CAD models, Advanced DCC, Medical Imaging	Large/complex CAD models, Seismic exploration, complex DCC effects, 3D Medical Imaging Recon	Largest CAD models, Photo- realistic rendering, Seismic exploration, GPGPU compute	Most demanding rendering, VR, CAE, and GPGPU compute applications additionally, GV100 is for AI software development, training and inferencing.
Benefits users gain as they move up the product stack on both desktop and mobile						
DESKTOP	<ul style="list-style-type: none"> > ISV Certs > Higher performance vs IGP, gfx GPU, consumer cards > NVIDIA Mosaic 	<ul style="list-style-type: none"> > + up to 3GB memory > 370% faster 	<ul style="list-style-type: none"> > + up to 4GB memory > 180% faster > NVIDIA Mosaic with Sync II 	<ul style="list-style-type: none"> > + 8GB memory > 67% faster > Error Correcting Code (ECC) Memory 	<ul style="list-style-type: none"> > + 8GB memory > 42% faster 	<ul style="list-style-type: none"> > up to 32 GB of HBM2 ultra-high performance memory (GV100) > Dedicated Tensor Cores for highest Deep Learning performance (GV100) > NVLink multi-GPU support
MOBILE		<ul style="list-style-type: none"> > + up to 3GB memory > 146% faster 	<ul style="list-style-type: none"> > + 2GB memory > 206% faster > VR Ready 	<ul style="list-style-type: none"> > + 2GB memory > 41% faster > GPU Direct for Video 	<ul style="list-style-type: none"> > + 8GB memory > 40% faster 	Desktop GPU features only

1 Does not support Mosaic

2 VR Ready