NVIDIA PROFESSIONAL GRAPHICS SOLUTIONS

		CUSTOMER HAS ANY OF THESE GRAPHICS CARDS?			REPLACE WITH:		NVIDIA
		COMPETITOR	Kepler Architecture	Maxwell / Kepler Architecture	Pascal / Maxwell Architecture	Volta Architecture	
ULTRA HIGH-END	Desktop					GV100	Made for designers, engineers, architects, scientists, data scientists and research professionals who need to train or use neural networks, render or visualize large data sets and large 3D models, create complex photorealistic images interactively or validate designs in the most immersive VR environments. Supports multiple 8K displays (7680x4320 @ 60Hz), deep learning SDKs, and accelerates AI frameworks. Connect two GV100s with NVIDIA NVLink technology for a combined 64GB of HBM2 ultra-high bandwidth memory to work with the largest models, assemblies, analysis, simulations and deep learning datasets.
	Desktop				GP100		Made for professionals that need to render photorealistic design concepts interactively, create extremely detailed 3D models, run intensive CAE simulations to validate designs, evaluate design prototypes in immersive VR or working with HPC/CUDA or deep learning technologies. Connect two GP100s with NVIDIA NVLink Technology to scale performance with an amazing 32GB of HBM2 ultra-high bandwidth memory.
HIGH-END	Desktop	W9100	M6000	M6000 24GB	P6000		Made for designers, artists, engineers, and geoscientists who create and/or to render the largest, most complex, photorealistic models, explore large seismic datasets, perform engineering analysis and simulations and create the most immersive VR experiences using a mobile workstation with the power to drive up to four, 5K displays (5120x2880 @ 60Hz).
	Mobile	W7170M	K5100M	M5000M	P5000		Mobile can support up to four, 5K displays (5120x2880 @ 60Hz).[1]
MID-RANGE	Desktop	W8100	K5200	M5000	P5000		Made for digital content stylists, CAD and seismic engineers to handle large / complex visual workloads and VR Ready for immersive VR experiences. New display engine drives up to four, 5K displays (5120x2880 @ 60Hz).
	Mobile	W6150M	K4100M	M4000M	P4000		Mobile can support up to four, 5K displays (5120x2880 @ 60Hz). [1]
	Desktop	W7100	K4200	M4000	P4000		Made for designers and engineers who create complex models, advanced DCC and medical imaging and create immersive, VR environments. Display engine capable of driving up to four, 5K displays (5120x2880 @ 60Hz).
	Mobile		K3100M	M3000M	P3000		Mobile can support up to four, 5K displays (5120x2880 @ 60Hz).[1]
BASIC	Desktop	WX5100	K2200	M2000	P2000		Made for CAD and CAE designers who handle medium sized models and visual data and for advanced DCC or medical imaging. Drives up to four, 5K displays (5120x2880 @ 60Hz)
				K1200	P1000		Made for single slot, low profile form factor or space and power constrained workstation chassis with the ability to drive up to four, 4K displays (4096x2880 @ 60 Hz).
	Mobile	W5170M W5130M	K2100M K1100M	M2000M M1000M	M2200 M1200		Delivers amazing graphics performance to a wide range of professional applications with the ability to drive multiple 4K displays (4096x2160 @ 60Hz).
ENTRY	Desktop	W4100 W2100	K600 K410	K620 K420	P620 P400		Made to deliver great performance for a range of professional applications with the power to drive three (P400) to four (P620) 4K displays (4096x2160 @ 60 Hz).
	Mobile	W4190M	K620M K610M K510M	M600M M500M	M620 M520		Made to deliver great performance for a range of professional applications with the power to drive multiple 4K displays (4096x2160 @ 60Hz).[1]

Competitor Product

NVIDIA Quadro

For more information, please review: NVIDIA Professional Solutions Sales Toolkit, www. brainshark.com/nvidia/psg-sales-toolkit or OEM-specific line card.