NVIDIA® QUADRO®
AUTHORIZED PARTNER

PNY®

WHY NVIDIA QUADRO
QUICK REFERENCE GUIDE

WWW.PNY.COM/QUADRO

GOVERNMENT

EMPOWERING EVERY BRANCH OF GOVERNMENT WITH TOOLS TO PROMOTE THE GENERAL WELFARE OF CITIZENS

- Adjusted Government price points are available to qualified customers through participating distributors.

- NVIDIA Quadro offers professional GPU solutions for mission critical tasks and environments. Never sacrifice power, reliability or features for mobility, again.

- ISV Certified and optimized for over 100+ industry applications, NVIDIA Quadro GPUs are designed to meet your needs.

- Utilize advanced Deep Learning and AI to analyze massive amounts of data and derive actionable conclusions.

- Use Virtual Reality to enhance training and mission readiness, perform basic research, and enable new forms of group collaboration.

HEALTHCARE

DELIVERING ACCURATE DATA WHEN EVERY SECOND COUNTS

- Medical Imaging systems powered by NVIDIA Quadro GPUs produce crystal clear scans while enabling new features at lower costs.

- NVIDIA Artificial Intelligence-enabled GPUs pour through massive cohort studies to discover new medical insights, saving time and potentially lives.

- VirtualLink allows users to seamlessly enter a virtual experience, enabling advanced medical procedures and new educational opportunities.

- The power of NVIDIA Quadro High Performance Computing (HPC) and AI applied to the medical and life sciences research can dramatically reduce time from discovery to delivery of new pharmaceuticals, products, or procedures.

EDUCATION

TOMORROW'S TECHNOLOGY IN TODAY'S CLASS-ROOM

- Special higher education discounts are available to those who qualify.

- Designed with longevity in mind, NVIDIA Quadro GPUs will extend the life-cycle of your classroom education tools, preventing regular and costly upgrades.

- NVIDIA Quadro is designed to seamlessly integrate with 100's of professional applications, including Adobe® CC, Autodesk 3DS MAX® and MAYA®, Foundry Nuke, among others.

- NVIDIA offers students an unprecedented educational experience through Quadro-powered, immersive virtual reality, high-speed rendering, and peerless digital content creation.

- Computer Science and Engineering schools routinely teach GPGPU (General Purpose GPU) computing using NVIDIA CUDA technology and tools.

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PNY **PRO**

For more information, contact a PNY Account Manager at 1-888-333-3657 or email: **GOPNY@PNY.COM** or visit **WWW.PNY.COM/QUADRO**

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PRODUCTS	PART NUMBER	GPU MEMORY	MEMORY BANDWIDTH	CUDA CORES	TENSOR CORES	RT CORES	DIMENSIONS	POWER & THERMAL	DISPLAY CONNECTORS	MAX. DISPLAYS	VR READY	QUADRO SYNC II	NV LINK	HW FP64	TAA Compliant Option
QUADRO ULTRA HIGH END															
Quadro RTX 8000 VR READY	VCQRTX8000-PB	48 GB GDDR6 ECC	624 GB/s	4608	576	72	4.4" X 10.5"	295W - Active	DP 1.4 (4), VirtualLink (1)	4	✓	✓	✓		✓
Quadro RTX 6000 VR READY	VCQRTX6000-PB	24 GB GDDR6 ECC	624 GB/s	4608	576	72	4.4" X 10.5"	295W - Active	DP 1.4 (4), VirtualLink (1)	4	✓	✓	✓		✓
Quadro GV100 VR READY	VCQGV100-PB	32GB HBM2 ECC	870 GB/s	5120	640	-	4.4" x 10.5"	250W - Active	DP 1.4 (4)	4	✓	✓	✓	✓	✓
Quadro GP100 VR READY	VCQGP100-PB	16GB HBM2 ECC	717 GB/s	3584	-	-	4.4" x 10.5"	235W - Active	DVI DL (1), DP (4)	4	✓	✓	✓	✓	✓
Quadro P6000 VR READY	VCQP6000-PB	24 GB GDDR5X ECC	432 GB/s	3840	-	-	4.4" x 10.5"	250W - Active	DP 1.4 (4), DVI DL (1)	4	✓	✓	✓		✓
QUADRO HIGH END															
Quadro RTX 5000 VR READY	VCQRTX5000-PB	16 GB GDDR6 ECC	416 GB/s	3072	384	48	4.4" x 10.5"	265W - Active	DP 1.4 (4), VirtualLink (1)	4	✓	✓	✓		✓
Quadro P5000 VR READY	VCQP5000-PB	16GB GDDR5X ECC	288 GB/s	2560	-	-	4.4″ × 10.5″	180W - Active	DVI DL (1), DP (4)	4	✓	✓			✓
QUADRO MID RANGE															
Quadro RTX 4000 VR READY	VCQRTX 4000-PB	8 GB GDDR6	416 GB/s	2304	288	36	4.4" x 9.5"	160 W - Active	DP 1.4 (3), VirtualLink (1)	4	✓	✓			✓
Quadro P4000 VR READY	VCQP4000-PB	8 GB GDDR5	243 GB/s	1792	-	-	4.4" x 9.5"	160 W - Active	DP(4)	4	✓	✓			✓
Quadro P2200	VCQP2200-SB	5 GB GDDR5X	200 GB/s	1280	-	-	4.4" x 7.9"	75W - Active	DP(4)	4					✓
Quadro P2000	VCQP2000-PB	5GB GDDR5	140 GB/s	1024	-	-	4.4" x 7.9"	75W - Active	DP(4)	4					✓
Quadro P1000 SFF*	VCQP1000-PB	4GB GDDR5	80 GB/s	640	-	-	2.713" x 5.7"	47W - Active	mDP(4)	4					✓
QUADRO ENTRY LEVEL															
Quadro P620 SFF*	VCQP620-PB	2GB GDDR5	80GB/s	512	-	-	2.713" x 5.7"	40W - Active	mDP (4)	4					✓
Quadro P600 SFF*	VCQP600-PB	2GB GDDR5	64 GB/s	384	-	-	2.713" x 5.7"	40W - Active	mDP (4)	4					✓
Quadro P400 SFF*	VCQP400-PB	2GB GDDR5	32 GB/s	256	-	-	2.713" x 5.7"	30W - Active	mDP(3)	4					✓

Contact a PNY account manager
or email **GOPNY@PNY.COM**