

NVIDIA QUADRO
AUTHORIZED PARTNER



THE NEW NVIDIA QUADRO

Unmatched Power.
Unmatched Creative Freedom.



NVIDIA QUADRO P6000 AND P5000

Fueled by NVIDIA Pascal,[™] NVIDIA's most powerful GPU architecture ever.



OFFERING:

EXTREME PERFORMANCE

NVIDIA Pascal architecture delivers better visualization and compute performance than the previous generation of Quadro products.

RICH VISUAL WORKSPACE

Pascal GPU Display Port 1.4 enables multiple 5K (5120 x 2880 at 60Hz) displays. HDR color support enables stunning visual quality.

ADVANCED GPU FEATURES

VR specific features significantly improve VR performance, enabling the most detailed, life-like VR experiences possible. Enhanced workload balancing improves graphics and compute interop.

FASTER DATA

Quadro Pascal supports GDDR5X, the latest high performance graphics memory that provides twice the memory bandwidth of the previous generation memory technology

IDEAL FOR:

Manufacturing Design

Media &
Entertainment / Studios

Oil & Gas Exploration

Government

Aerospace & Simulation

Medical &
Life Sciences

Higher EDU / Research &
Computer Science

VR Design

Get the PNY Advantage.

PNY provides unsurpassed service and commitment to its wide variety of graphics customers.

- 3-year warranty
- Support for NVIDIA graphics solutions in all system brands
- Pre-and post sales assistance
- Toll-free professional technical support
- Dedicated Field Application Engineers

For more information contact your PNY Account Manager or email gopny@pny.com

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Professional Solutions. Professional Support.



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Products	Part Number	ECC GPU Memory	Memory Interface	CUDA Cores	Dimensions	Power & Thermal	Display Connectors	Max. Displays	HD-SDI Versions	Sync Versions	ECC	Fast Double Precision
Quadro Ultra High End												
Quadro P6000 New	VCQP6000-PB	24GB GDDR5X ECC	384-bit	3840	4.4" x 10.5"	250W - Active	DVI DL (1), DP (4)	4		✓	✓	
Quadro M6000 24GB	VCQM6000-24GB-PB	24GB GDDR5 ECC	384-bit	3072	4.4" x 10.5"	250W - Active	DVI DL (1), DP (4)	4		✓	✓	
Quadro M6000	VCQM6000-PB	12GB GDDR5 ECC	384-bit	3072	4.4" x 10.5"	250W - Active	DVI DL (1), DP (4)	4		✓	✓	
Quadro K6000	VCQK6000-PB	12GB GDDR5 ECC	384-bit	2880	4.376" x 10.5"	225W - Active	DVI DL (2), DP (2)	4	✓	✓	✓	✓
Quadro High End												
Quadro P5000 New	VCQP5000-PB	16GB GDDR5X ECC	256-bit	2560	4.4" x 10.5"	180W - Active	DVI DL (1), DP (4)	4		✓	✓	
Quadro M5000	VCQM5000-PB	8GB GDDR5 ECC	256-bit	2048	4.4" x 10.5"	150W - Active	DVI DL (1), DP (4)	4		✓	✓	
Quadro K5200	VCQK5200-PB	8GB GDDR5	256-bit	2304	4.376" x 10.5"	150W - Active	DVI DL (2), DP (2)	4	✓	✓		
Quadro M4000	VCQM4000-PB	8GB GDDR5	256-bit	1664	4.4" x 9.5"	120W - Active	DP (4)	4		✓		
Quadro K4200	VCQK4200-PB	4GB GDDR5	256-bit	1344	4.376" x 9.5"	105W - Active	DVI DL, DP (2)	4	✓	✓		
Quadro Mid Range												
Quadro M2000	VCQM2000-PB	4GB GDDR5	128-bit	768	4.376" x 6.6"	75W - Active	DP (4)	4				
Quadro K2200	VCQK2200-PB	4GB GDDR5	128-bit	640	4.376" x 7.97"	68W - Active	DVI DL, DP (2)	4				
Quadro K1200 for DVI ATX or SFF	VCQK1200DVI-PB	4GB GDDR5	128-bit	512	2.7" x 6.3"	45W - Active	mDP (4)	4				
Quadro K1200 for DP ATX or SFF	VCQK1200DP-PB	4GB GDDR5	128-bit	512	2.7" x 6.3"	45W - Active	mDP (4)	4				
Quadro Entry Level												
Quadro K620	VCQK620-PB	2GB DDR3	128-bit	384	2.713" x 6.3"	41W - Active	DVI DL, DP	4				
Quadro K420 2GB	VCQK420-2GB-PB	2GB DDR3	128-bit	192	2.713" x 6.3"	41W - Active	DVI DL, DP	4				
Quadro K420	VCQK420-PB	1GB DDR3	128-bit	192	2.713" x 6.3"	41W - Active	DVI DL, DP	4				
NVS Eight Display												
NVS 810 for DisplayPort ¹	VCNVS810DP-PB	4GB DDR3	128-bit	1024	4.4" x 9.5"	68W - Active	mDP(8)	8				
NVS 810 for DVI ²	VCNVS810DVI-PB	4GB DDR3	128-bit	1024	4.4" x 9.5"	68W - Active	mDP(8)	8				
NVS Four Display												
NVS 510 for DisplayPort ³	VCNVS510DP-PB	2GB DDR3	128-bit	192	2.713" x 6.3"	33.4W - Active	DP (4)	4				
NVS 510 for DisplayPort or DVI ⁴	VCNVS510DVI-PB	2GB DDR3	128-bit	192	2.713" x 6.3"	33.4W - Active	DP (4) or DVI (4)	4				
NVS Two Display												
NVS 315 for DisplayPort ⁵	VCNVS315DP-PB	1GB DDR3	64-bit	48	2.713" x 5.70"	19.5W - Active	DMS-59 ³	2				
NVS 315 for DVI ⁶	VCNVS315DVI-PB	1GB DDR3	64-bit	48	2.713" x 5.70"	19.5W - Active	DMS-59 ⁴	2				
NVS 310 1GB for DisplayPort	VCNVS310DP-1GB-PB	1GB DDR3	64-bit	48	2.713" x 5.70"	19.5W - Active	DP (2)	2				
NVS 310 for DisplayPort	VCNVS310DP-PB	512MB DDR3	64-bit	48	2.713" x 5.70"	19.5W - Active	DP (2)	2				
NVS 310 1GB for DVI ⁵	VCNVS310DVI-1GB-PB	1GB DDR3	64-bit	48	2.713" x 5.70"	19.5W - Active	DP to DVI SL (2)	2				
NVS 310 for DVI ⁵	VCNVS310DVI-PB	512MB DDR3	64-bit	48	2.713" x 5.70"	19.5W - Active	DP to DVI SL (2)	2				

1. Eight mDP to DP adapters included

2. Eight mDP to DVI-D SL adapters included

3. Four mDP to DP adapters included

4. Four mDP to DP and four mDP to DVI adapters included

5. Two DP to DVI-D SL adapters included

6. DMS-59 to dual DVI adapter and two DVI to VGA adapters included