



# NVIDIA® Quadro® by PNY

Professional Solutions. Professional Support.



QUADRO ULTRA HIGH END	Part No.	GPU Memory	Memory Interface	CUDA Cores	Dimensions	Power & Thermal	Display Connectors	Max. Displays	HD-SDI Versions <sup>5</sup>	G-Sync Versions <sup>6</sup>	ECC	High Performance Double Precision
Quadro 6000 <i>NEW!</i>	VCQ6000-PB	6GB GDDR5	384-bit	448	FH <sup>1</sup> x 9.75"	225W - Active	DVI DL, DP (2) <sup>2</sup>	2	✓	✓	✓	✓
Quadro FX 5800	VCQFX5800-PCIE-PB	4GB GDDR3	512-bit	240	FH x 10.5"	189W - Active	DVI DL (2), DP	2	✓	✓		
Quadro 5000 <i>NEW!</i>	VCQ5000-PB	2.5GB GDDR5	320-bit	352	FH x 9.75"	152W - Active	DVI DL, DP (2)	2	✓	✓	✓	✓
Quadro FX 4800	VCQFX4800-PCIE-PB	1.5GB GDDR3	384-bit	192	FH x 10.5"	146W - Active	DVI DL, DP (2)	2	✓	✓		
<b>QUADRO FX FOR MAC</b>												
Quadro FX 4800 for MAC	VCQFX4800MACX16-PB	1.5GB GDDR3	384-bit	192	FH x 10.5"	150W - Active	DVI DL (2)	2				
<b>QUADRO FX HIGH END</b>												
Quadro 4000 <i>NEW!</i>	VCQ4000-PB	2GB GDDR5	256-bit	256	FH x 9.5"	142W - Active	DVI DL, DP (2)	2	✓			✓
Quadro FX 3800	VCQFX3800-PCIE-PB	1GB GDDR3	256-bit	192	FH x 7.8"	107W - Active	DVI DL, DP (2)	2	✓			
<b>QUADRO FX MID RANGE</b>												
Quadro FX 1800	VCQFX1800-PCIE-PB	768MB GDDR3	192-bit	64	FH x 7.8"	59W - Active	DVI DL, DP (2)	2				
<b>QUADRO FX ENTRY LEVEL</b>												
Quadro FX 580	VCQFX580-PCIE-PB	512MB GDDR3	128-bit	32	FH x 6.60"	40W - Active	DVI DL, DP (2)	2				
Quadro FX 380	VCQFX380-PCIE-PB	256MB GDDR3	128-bit	16	FH x 6.60"	34W - Active	DVI DL (2)	2				
Quadro FX 380 LP	VCQFX380LP-PCIE-PB	512MB GDDR3	64-bit	16	LP <sup>3</sup> x 6.60"	28W - Active	DVI DL, DP	2				
Quadro FX 370 LP	VCQFX370LP-PCIE-PB	256MB GDDR2	64-bit	8	LP <sup>3</sup> x 6.60"	25W - Passive	DMS-59	2				
<b>QUADRO NVS DUAL MONITOR</b>												
Quadro NVS 290 X16	VCQ290NVS-PCIEX16-PB	256MB GDDR2	64-bit	16	LP <sup>3</sup> x 6.60"	21W - Passive	DMS-59	2				
Quadro NVS 290 X1	VCQ290NVS-PCIEX1-PB	256MB GDDR2	64-bit	16	LP <sup>3</sup> x 6.60"	21W - Passive	DMS-59	2				
Quadro NVS 295 X16 for DisplayPort	VCQ295NVS-X16-PB	256MB GDDR3	64-bit	8	LP <sup>3</sup> x 6.60"	23W - Passive	DP (2)	2				
Quadro NVS 295 X16 for DVI	VCQ295NVS-X16-DVI-PB	256MB GDDR3	64-bit	8	LP <sup>3</sup> x 6.60"	23W - Passive	DP to DVI (2)	2				
Quadro NVS 295 X1 for DisplayPort	VCQ295NVS-X1-PB	256MB GDDR3	64-bit	8	LP <sup>3</sup> x 6.60"	23W - Passive	DP (2)	2				
Quadro NVS 295 X1 for DVI	VCQ295NVS-X1-DVI-PB	256MB GDDR3	64-bit	8	LP <sup>3</sup> x 6.60"	23W - Passive	DP to DVI (2)	2				
<b>QUADRO NVS QUAD MONITOR</b>												
Quadro NVS 420 x16 for DisplayPort	VCQ420NVS-X16-DP-PB	512MB GDDR3 <sup>4</sup>	128-bit	16	LP <sup>3</sup> x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 420 x16 for DVI	VCQ420NVS-X16-DVI-PB	512MB GDDR3 <sup>4</sup>	128-bit	16	LP <sup>3</sup> x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 420 x1 for DisplayPort	VCQ420NVS-X1-DP-PB	512MB GDDR3 <sup>4</sup>	128-bit	16	LP <sup>3</sup> x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 420 x1 for DVI	VCQ420NVS-X1-DVI-PB	512MB GDDR3 <sup>4</sup>	128-bit	16	LP <sup>3</sup> x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 450 x16 for DisplayPort	VCQ450NVS-X16-PB	512MB GDDR3 <sup>4</sup>	128-bit	16	FH x 6.60"	35W - Passive	DP (4)	4				
Quadro NVS 450 x16 for DVI	VCQ450NVS-X16-DVI-PB	512MB GDDR3 <sup>4</sup>	128-bit	16	FH x 6.60"	35W - Passive	DP to DVI (4)	4				

<sup>1</sup> FH = Full Height ATX, 4.376"

<sup>2</sup> DP = DisplayPort. NVIDIA certified DP to VGA adapters are available from PNY

<sup>3</sup> LP = Low Profile, 2.731". Full Height bracket also supplied

<sup>4</sup> 512MB total frame buffer (256MB GDDR3 memory per GPU)

<sup>5</sup> NVIDIA Quadro by PNY models available as HD SDI versions

<sup>6</sup> NVIDIA Quadro by PNY models available as G-Sync versions

## Quadro by PNY



Designed for Professional 3D Applications: CAD/CAE, Digital Content Creation, Scientific, and Visualization.

## Quadro Specialty Products



Engineered for industry-specific applications: HD Broadcast, Film and Video, Large Scale Visualization. Quadro Plex, Quadro SDI, and Quadro G-Sync solutions.

## Quadro NVS by PNY



Sets new standards for business graphic solutions. Built for industrial and commercial markets including Financial, Enterprise, and Digital Signage.

## PNY Technologies



PNY is a leading supplier of top quality products for a wide range of computer and digital storage applications.

## NVIDIA Quadro® by PNY Advantage

PNY Provides Unsurpassed Service and Commitment to its Professional Graphics Customers

- ✓ 3 year standard warranty
- ✓ Pre-sales support and system configuration assistance
- ✓ Dedicated Quadro Field Application engineers
- ✓ Direct tech support hot lines
- ✓ Support escalation for prompt issue resolution
- ✓ Certified software support and bug reporting
- ✓ Published product support and training materials
- ✓ Support for all workstation brands and complex installations
- ✓ Advanced replacement options for mission-critical deployments
- ✓ Long product life cycles and availability

