



NVIDIA® Quadro® by PNY

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Products	Part Number	GPU Memory	Memory Interface	CUDA Cores	Dimensions	Power & Thermal	Display Connectors	Max. Displays	HD-SDI Versions ⁵	G-Sync Versions ⁶	ECC	Fast Double Precision
Quadro Ultra High End												
Quadro 6000 NEW!	VCQ6000-PB	6GB GDDR5	384-bit	448	FH ¹ x 9.75"	204W - Active	DVI DL, DP (2) ²	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 NEW!	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	✓	✓		
Quadro for Mac												
Quadro 4000 for Mac NEW!	VCQ4000MAC-PB	2GB GDDR5	256-bit	256	FH x 9.5"	142W - Active	DVI DL, DP	2				✓
Quadro FX 4800 for Mac	VCQFX4800MACX16-PB	1.5GB GDDR3	384-bit	192	FH x 10.5"	150W - Active	DVI DL (2)	2				
Quadro High End												
Quadro 4000 NEW!	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	✓			
Quadro Mid Range												
Quadro 2000 NEW!	VCQ2000-PB	1GB GDDR5	128-bit	192	FH x 7.0"	62W - Active	DVI DL, DP (2)	2				
Quadro 2000D NEW!	VCQ2000D-PB	1GB GDDR5	128-bit	192	FH x 7.0"	62W - Active	DVI DL (2)	2				
Quadro FX 1800	VCQFX1800-PCIE-PB	768MB GDDR3	192-bit	64	FH x 7.8"	59W - Active	DVI DL, DP (2)	2				
Quadro Entry Level												
Quadro 600 NEW!	VCQ600-PB	1GB GDDR3	128-bit	96	LP ³ x 6.60"	40W - Active	DVI DL, DP	2				
Quadro 400 NEW!	VCQ400-PB	512MB DDR3	64-bit	48	LP ³ x 5.58"	32W - Active	DVI DL, DP	2				
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 ³ x 6.60"	28W - Active	DVI DL, DP	2				
NVS Dual Monitor												
NVIDIA NVS 300 x16 for DisplayPort	VCNVS300X16DP-PB	512MB DDR3	64-bit	16	LP ³ x 5.70"	17.5W - Passive	DMS-59	2				
NVIDIA NVS 300 x1 for DisplayPort	VCNVS300X1DP-PB	512MB DDR3	64-bit	16	LP ³ x 5.70"	15.1W - Passive	DMS-59	2				
NVIDIA NVS 300 x16 for DVI and VGA	VCNVS300X16-PB	512MB DDR3	64-bit	16	LP ³ x 5.70"	17.5W - Passive	DMS-59	2				
NVIDIA NVS 300 x1 for DVI and VGA	VCNVS300X1-PB	512MB DDR3	64-bit	16	LP ³ x 5.70"	15.1W - Passive	DMS-59	2				
Quadro NVS Dual Monitor												
Quadro NVS 290 x16	VCQ290NVS-PCIEX16-PB	256MB GDDR2	64-bit	16	LP ³ x 6.60"	21W - Passive	DMS-59	2				
Quadro NVS 290 x1	VCQ290NVS-PCIEX1-PB	256MB GDDR2	64-bit	16	LP ³ x 6.60"	21W - Passive	DMS-59	2				
Quadro NVS 295 x16 for DisplayPort	VCQ295NVS-X16-PB	256MB GDDR3	64-bit	8	LP ³ x 6.60"	23W - Passive	DP (2)	2				
Quadro NVS 295 x16 for DVI	VCQ295NVS-X16-DVI-PB	256MB GDDR3	64-bit	8	LP ³ 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 ³ x 6.60"	23W - Passive	DP (2)	2				
Quadro NVS 295 x1 for DVI	VCQ295NVS-X1-DVI-PB	256MB GDDR3	64-bit	8	LP ³ x 6.60"	23W - Passive	DP to DVI (2)	2				
Quadro NVS Quad Monitor												
Quadro NVS 420 x16 for DisplayPort	VCQ420NVS-X16-DP-PB	512MB GDDR3 ⁴	128-bit	16	LP ³ x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 420 x16 for DVI	VCQ420NVS-X16-DVI-PB	512MB GDDR3 ⁴	128-bit	16	LP ³ x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 420 x1 for DisplayPort	VCQ420NVS-X1-DP-PB	512MB GDDR3 ⁴	128-bit	16	LP ³ x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 420 x1 for DVI	VCQ420NVS-X1-DVI-PB	512MB GDDR3 ⁴	128-bit	16	LP ³ x 6.60"	40W - Active	VHDCI (1)	4				
Quadro NVS 450 x16 for DisplayPort	VCQ450NVS-X16-PB	512MB GDDR3 ⁴	128-bit	16	FH x 6.60"	35W - Passive	DP (4)	4				
Quadro NVS 450 x16 for DVI	VCQ450NVS-X16-DVI-PB	512MB GDDR3 ⁴	128-bit	16	FH x 6.60"	35W - Passive	DP to DVI (4)	4				

1. FH = Full Height ATX, 4.376"

2. DP = DisplayPort. NVIDIA certified DP to VGA adapters are available from PNY

3. LP = Low Profile, 2.731". Full Height bracket also supplied

4. 512MB total frame buffer (256MB GDDR3 memory per GPU)

5. NVIDIA Quadro by PNY models available as HD SDI versions

6. NVIDIA Quadro by PNY models available as G-Sync versions