



## NVIDIA® Quadro® FX 380 Low Profile by PNY Technologies®

VCQFX380LP-PCIE-PB

### Big Performance on a Small Budget

Designed for desktop and small form factor systems, the NVIDIA Quadro FX 380 LP by PNY professional graphics board meets stringent performance and reliability requirements, is ideal for 2D professional business applications in multi-monitor environments and is certified for leading 3D CAD and DCC applications ... plus it's extremely affordable.

Quadro FX 380 LP is EnergyStar compliant, with an ultra-low, 28W power consumption rating. This power-efficient member of the Quadro family enables designers, animators, architects and engineers to create and interact with more complex designs, increase visual quality, and maximize productivity.

### NVIDIA Quadro FX 380 Low Profile by PNY Package includes:

- NVIDIA Quadro FX 380 Low Profile by PNY professional graphics board
- Attached low profile bracket
- Standard height bracket (unattached)
- DVI to VGA adapter
- DisplayPort to DVI adapter
- Driver CD (Windows 7, Vista, XP) with PDF documentation
- Printed QuickStart Guide

### PNY Advantage:

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

PNY provides unsurpassed service and commitment to its professional graphics customers. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, driver CD and documentation to ensure a quick and successful install.



### Product Specifications:

CUDA parallel processor cores	16
Memory	512MB GDDR3
Memory interface	64-bit
Memory bandwidth	12.8GB/sec
Maximum power consumption	28W
Physical Dimensions	2.731" (H) x 6.60" (L)
Display connectors	Dual Link DVI, DP
Number of displays supported	2
DP	Yes
DVI	Yes
VGA	Yes
Graphics bus	PCI Express Gen 2 x16
Maximum digital resolution	Up to 2560 x 1600 @ 60 Hz
3D API	DirectX 10.1 and OpenGL 4.1
Support for	Microsoft Windows 7 or Vista (32- or 64-bit, any Edition), XP (32- or 64-bit), or Linux
Warranty	3 Year Warranty
PNY part number	VCQFX380LP-PCIE-PB



Low Profile Bracket (attached)



Full Height Bracket (included)

For more information visit: [www.pny.com/quadro](http://www.pny.com/quadro)



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# NVIDIA® Quadro® by PNY

Professional Solutions. Professional Support.

	Part No.	Memory Size	Bus Type	Form Factor	Dimensions	Power	Memory Interface	Display Connectors	Max. Displays	HD-SDI Option	G-Sync Option
<b>QUADRO FX ULTRA HIGH END</b>											
Quadro FX 5800	VCQFX5800-PCIE-PB	4GB GDDR3	PCIE x16	Full Height	4.376" x 10.5"	189W - Active	512-bit	DVI DL (2), DP, ST	2	✓	✓
Quadro FX 5600	VCQFX5600-PCIE-PB	1.5GB GDDR3	PCIE x16	Full Height	4.376" x 12.28"	171W - Active	384-bit	DVI DL (2), ST	2	✓	✓
Quadro FX 4800	VCQFX4800-PCIE-PB	1.5GB GDDR3	PCIE x16	Full Height	4.376" x 10.5"	146W - Active	384-bit	DVI DL, DP (2), ST	2	✓	✓
Quadro FX 4700 X2	VCQFX4700X2-PCIE-PB	2GB GDDR3 <sup>3</sup>	PCIE x16	Full Height	4.376" x 10.5"	226W - Active	256-bit	DVI DL (4), ST	4	✓	✓
Quadro FX 4600	VCQFX4600-PCIE-PB	768MB GDDR3	PCIE x16	Full Height	4.376" x 9.0"	134W - Active	384-bit	DVI DL (2), ST	2	✓	✓
<b>QUADRO FX FOR MAC</b>											
Quadro FX 4800 for MAC	VCQFX4800MACX16-PB	1.5GB GDDR3	PCIE x16	Full Height	4.376" x 10.5"	150W - Active	384-bit	DVI DL (2), ST	2		
<b>QUADRO FX HIGH END</b>											
Quadro FX 3800	VCQFX3800-PCIE-PB	1GB GDDR3	PCIE x16	Full Height	4.376" x 7.8"	107W - Active	256-bit	DVI DL, DP (2), ST	2	✓	
Quadro FX 3700	VCQFX3700-PCIE-PB	512MB GDDR3	PCIE x16	Full Height	4.376" x 9.0"	78W - Active	256-bit	DVI DL (2), ST	2		
<b>QUADRO FX MID RANGE</b>											
Quadro FX 1800	VCQFX1800-PCIE-PB	768MB GDDR3	PCIE x16	Full Height	4.376" x 7.8"	59W - Active	192-bit	DVI DL, DP (2)	2		
Quadro FX 1700	VCQFX1700-PCIE-PB	512MB GDDR2	PCIE x16	Full Height	4.376" x 6.60"	42W - Active	128-bit	DVI DL (2)	2		
<b>QUADRO FX ENTRY LEVEL</b>											
Quadro FX 580	VCQFX580-PCIE-PB	512MB GDDR3	PCIE x16	Full Height	4.376" x 6.88"	40W - Active	128-bit	DVI DL, DP (2)	2		
Quadro FX 570	VCQFX570-PCIE-PB	256MB GDDR2	PCIE x16	Full Height	4.376" x 6.60"	38W - Active	128-bit	DVI DL (2)	2		
Quadro FX 380	VCQFX380-PCIE-PB	256MB GDDR3	PCIE x16	Full Height	4.376" x 6.60"	34W - Active	128-bit	DVI DL (2)	2		
Quadro FX 380 LP	VCQFX380LP-PCIE-PB	512MB GDDR3	PCIE x16	Low Profile <sup>1</sup>	2.731" x 6.60"	28W - Active	64-bit	DVI DL, DP	2		
Quadro FX 370 LP	VCQFX370LP-PCIE-PB	256MB GDDR2	PCIE x16	Low Profile <sup>1</sup>	2.731" x 6.60"	25W - Passive	64-bit	DMS-59 <sup>4</sup>	2		
<b>QUADRO NVS DUAL MONITOR</b>											
Quadro NVS 290 X16	VCQ290NVS-PCIEX16-PB	256MB GDDR2	PCIE x16	Low Profile <sup>1</sup>	2.731" x 6.60"	21W - Passive	64-bit	DMS-59 <sup>4</sup>	2		
Quadro NVS 290 X1	VCQ290NVS-PCIEX1-PB	256MB GDDR2	PCIE x1	Low Profile <sup>1</sup>	2.731" x 6.60"	21W - Passive	64-bit	DMS-59 <sup>4</sup>	2		
Quadro NVS 295 X16 for DisplayPort	VCQ295NVS-X16-PB	256MB GDDR3	PCIE x16	Low Profile <sup>1</sup>	2.731" x 6.60"	23W - Passive	64-bit	DP (2)	2		
Quadro NVS 295 X16 for DVI	VCQ295NVS-X16-DVI-PB	256MB GDDR3	PCIE x16	Low Profile <sup>1</sup>	2.731" x 6.60"	23W - Passive	64-bit	DP to DVI (2)	2		
Quadro NVS 295 X1 for DisplayPort	VCQ295NVS-X1-PB	256MB GDDR3	PCIE x1	Low Profile <sup>1</sup>	2.731" x 6.60"	23W - Passive	64-bit	DP (2)	2		
Quadro NVS 295 X1 for DVI	VCQ295NVS-X1-DVI-PB	256MB GDDR3	PCIE x1	Low Profile <sup>1</sup>	2.731" x 6.60"	23W - Passive	64-bit	DP to DVI (2)	2		
<b>QUADRO NVS QUAD MONITOR</b>											
Quadro NVS 420 x16 for DisplayPort	VCQ420NVS-X16-DP-PB	512MB GDDR3 <sup>2</sup>	PCIE x16	Low Profile <sup>1</sup>	2.731" x 6.60"	40W - Active	128-bit	VHDCI (1) <sup>5</sup>	4		
Quadro NVS 420 x16 for DVI	VCQ420NVS-X16-DVI-PB	512MB GDDR3 <sup>2</sup>	PCIE x16	Low Profile <sup>1</sup>	2.731" x 6.60"	40W - Active	128-bit	VHDCI (1) <sup>6</sup>	4		
Quadro NVS 420 x1 for DisplayPort	VCQ420NVS-X1-DP-PB	512MB GDDR3 <sup>2</sup>	PCIE x1	Low Profile <sup>1</sup>	2.731" x 6.60"	40W - Active	128-bit	VHDCI (1) <sup>5</sup>	4		
Quadro NVS 420 x1 for DVI	VCQ420NVS-X1-DVI-PB	512MB GDDR3 <sup>2</sup>	PCIE x1	Low Profile <sup>1</sup>	2.731" x 6.60"	40W - Active	128-bit	VHDCI (1) <sup>6</sup>	4		
Quadro NVS 450 x16 for DisplayPort	VCQ450NVS-X16-PB	512MB GDDR3 <sup>2</sup>	PCIE x16	Full Height	4.376" x 6.60"	35W - Passive	128-bit	DP (4)	4		
Quadro NVS 450 x16 for DVI	VCQ450NVS-X16-DVI-PB	512MB GDDR3 <sup>2</sup>	PCIE x16	Full Height	4.376" x 6.60"	35W - Passive	128-bit	DP to DVI (4)	4		

(1) Full Height bracket also supplied; (2) 512MB total frame buffer (256MB GDDR3 memory per GPU); (3) 288 total frame buffer (168 GDDR3 memory per GPU); (4) Ships with DMS-59 to 2 DVI adapter; (5) Ships with VHDCI to 4 DP adapter; (6) Ships with VHDCI to 4 DVI adapter; DP = DisplayPort. Limited 3rd Party availability on DP to VGA converters (non-certified)



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