

NVIDIA Quadro by PNY	Entry	Mid-Range		High-End	Ultra High-End	Science and Medical	Specialty	
Board Features	FX 500	FX 700	FX 1100	FX 3000	FX 4000	FX 600 PCI	FX 3000G	FX 4000 SDI
Memory Size	128MB	128MB	128MB	256MB	256MB	256MB	256MB	256MB
Memory Type	DDR	DDR	DDR	DDR	DDR	DDR	DDR	DDR
Memory Interface	128-BIT	128-bit	128-BIT	256-bit	256-bit	128-bit	256-bit	256-bit
Memory Bandwidth	7.8.2GB/sec.	17.6GB/sec.	10.4GB/sec.	27.2GB/sec.	32.0GB/sec.	7.8GB/sec.	27.2GB/sec.	32.0GB/sec.
Display Connectors	DVI-I + VGA	DVI-I + VGA	DVI-I + DVI-I + Stereo	DVI-I + DVI-I + Stereo	DVI-I + DVI-I + Stereo	DVI-I + DVI-I + Stereo	DVI-I + DVI-I + Stereo	DVI-I + DVI-I + Stereo
Max Power Consumption	12W	31W	47W	67W	98W	20W	68W	104W
Shader Model	2.0	2.0	3.0	3.0	3.0	2.0	3.0	3.0
Dual-Link DVI	–	–	–	Yes (1)	Yes (2)	–	Yes (1)	Yes (1)
SDI HD Video	–	–	–	–	–	–	–	Yes
Genlock/Framelock	–	–	–	–	–	–	Yes	Genlock
3D Primitive Performance								
Geometry (Triangles/Second)	45 Million	69 Million	100 Million	100 Million	133 Million	28 Million	100 Million	133 Million
Fill Rate (Texels/Second)	1.1 Billion	2.2 Billion	3.4 Billion	3.2 Billion	4.5 Billion	1.1 Billion	3.2 Billion	4.5 Billion
Relative Application Performance*								
SPEC UGS-03	12.2	31.5	36.5	45.3	59.0	9.7	45.3	59.0
SPEC PROE-02	16.8	32.5	37.9	42.0	45.1	10.6	42.0	45.1
SPEC 3DSMAX-02	12.1	23.5	26.9	27.1	29.2	10.8	27.1	29.2

* SPECviewperf 7.1.1: For more information visit www.spec.org. Tested on a 3.2GHz Pentium 4, driver release 60.60