



NVIDIA QUADRO FX by PNY TECHNOLOGIES



www.pny.eu	Entry-Level			Mid-Range		High-End
	NVIDIA Quadro FX 550 (P456)	NVIDIA Quadro FX 560 (P456)	NVIDIA Quadro FX 570 (P588)	NVIDIA Quadro FX 1500 (P455)	NVIDIA Quadro FX 1700 (P588)	NVIDIA Quadro FX 3500 (P455)
Bus Connector	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16
PCI-E Bandwidth	8 GB/s (4 GB/s each direction)	8 GB/s (4 GB/s each direction)	PCI-E Gen2 Compatible 16 GB/s (8GB/s each direction)	8 GB/s (4 GB/s each direction)	PCI-E Gen2 Compatible 16 GB/s (8GB/s each direction)	8 GB/s (4 GB/s each direction)
GPU NVIDIA Quadro	NV43GL	G73GL	G84-850	G71GL	G84-875	G71GL
Core Clock	360 MHz	350 MHz	460 MHz	325 MHz	460 MHz	450 MHz
Frame Buffer	128 MB	128 MB	256 MB	256 MB	512MB	256 MB
Memory Interface	128 bit	128 bit	128 bit	256bit	128 bit	256bit
Memory Type	GDDR3 SDRAM	GDDR3 SDRAM	DDR2 SDRAM	GDDR3 SDRAM	DDR2 SDRAM	GDDR3 SDRAM
Memory Clock	400 (800) MHz	300 (600) MHz	400 (800) MHz	625 (1250) MHz	400 (800) MHz	660 (1320) MHz
Memory Bandwidth	12,8 GB/sec.	19,2 GB/sec.	12,8 GB/sec.	40,0 GB/sec.	12,8 GB/sec.	42,2 GB/sec.
RAMDAC	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz
Power consumption	26 Watt	30 Watt	38 Watt	65 Watt	42 Watt	80 Watt
PCI Express Power Connector	-	-	-	-	-	1
Outputs	2 x DVI-I	2 x DVI-I, 1x HDTV	2 x DVI-I	2 x DVI-I, 1x HDTV	2 x DVI-I, 1x HDTV	2x DVI-I, 3D Stereo
Max Displays / Card	2	2	2	2	2	2
Dual-Link DVI-I outputs	-	1	2	2	2	2
Adapters (Included)	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA	2x DVI-I to VGA
HDTV Output	-	7 pin mini DIN	-	7 pin mini DIN	7 pin mini DIN	-
HDCP Support	-	-	Yes	-	Yes	-
Stereo connector	-	-	-	-	-	3 pin mini DIN
Genlock / Framelock	-	-	-	-	-	-
2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
2D/3D max resolution analog	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz
2D/3D max resolution digital	1900x1200 @ 60 Hz	1900x1200 @ 60Hz Single Link 2560x1600 @ 60Hz Dual Link	2560x1600 @ 60Hz	2560x1600 @ 60Hz	2560x1600 @ 60Hz	2560x1600 @ 60Hz
Full-Scene Antialiasing max. (FSAA)	8x	8x	16x	8x	32x	12x
C-Programming Environment	-	-	Yes	-	Yes	-
OpenGL	2.0	2.0	2.1	2.0	2.1	2.0
Shader Model	3.0	3.0	4.0	3.0	4.0	3.0
DirectX	9.0c	9.0c	10.0	9.0c	10.0	9.0c
SLI frame rendering	-	-	-	-	-	Yes
Number of Slots	1	1	1	1	1	1
Physical dimensions	17,24cm x 11,12cm (6,8" x 4,376")	17,24cm x 11,12cm (6,8" x 4,376")	16,76cm x 11,12cm (6,6" x 4,376")	19,81cm x 11,123cm (7,8" x 4,376")	16,76cm x 11,12cm (6,6" x 4,376")	19,81cm x 11,12cm (7,8" x 4,376")
Universal Driver	Yes	Yes	Yes	Yes	Yes	Yes
Cooling System	Fan sink (active) 12Volt DC 23 dB	Fan sink (active) 12Volt DC 23 dB	Fan sink (active) 12Volt DC 29 dB	Fan sink (active) 12 Volt DC 45 dB	Fan sink (active) 12Volt DC 29 dB	Fan sink (active) 12 Volt DC 45 dB
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years
Geometry (Triangles per Sec.)	66 Million	126 Million	137 Million	144 Million	191 Million	174 Million
Fill Rate (Texels per Sec.)	1,4 Billion	2,8 Billion	3,7 Billion	6,0 Billion	7,4 Billion	9,4 Billion
Article No. Retail	VCQFX550-PCIE-PB	VCQFX560-PCIE-PB	VCQFX570-PCIE-PB	VCQFX1500-PCIE-PB	VCQFX1700-PCIE-PB	VCQFX3500-PCIE-PB
EAN code	3536403331009	3536403331016	353640333157	3536403331139	353640333171	3536403331030
Article No. 10 pack Bulk	VCQFX550-PCIEBLK-1	VCQFX560-PCIEBLK-1	VCQFX570-PCIEBLK-1	VCQFX1500-PCIEBLK-1	VCQFX1700-PCIEBLK-1	VCQFX3500-PCIEBLK-1

3D Application Performance ²	NVIDIA Quadro FX 550 (P456)	NVIDIA Quadro FX 560 (P456)	NVIDIA Quadro FX 570 (P588)	NVIDIA Quadro FX 1500 (P455)	NVIDIA Quadro FX 1700 (P588)	NVIDIA Quadro FX 3500 (P455)
3dsmax-04	19.56	27.90	30.02	30.63	34.73	33.36
catia-02	23.63	38.92	41.57	40.44	44.47	43.06
ensight-03	9.05	16.05	23.03	17.18	29.38	17.47
light-08	32.68	37.24	37.68	37.39	37.76	37.51
maya-02	44.21	71.94	73.01	85.31	110.80	108.10
proe-04	16.24	28.45	32.48	31.18	39.51	37.22
sw-01	25.32	36.44	44.84	41.16	56.12	49.84
tcvis-01	4.40	6.87	9.09	7.95	15.04	10.56
ugnx-01	5.36	9.53	8.91	10.66	14.29	14.91

²SPECviewperf® 9: for more information visit www.spec.org. Tested on 3 GHz Dual Core Duo Xeon®, Driver Release 97.00 (FX370, FX570, FX1700 tested with driver rel. 160+)

* Features and specifications are subject to change without notice.