



NVIDIA QUADRO FX by PNY TECHNOLOGIES



www.pny.eu	Entry-Level				Mid-Range		High-End	
	NVIDIA Quadro FX 370 (P588)	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)	NVIDIA Quadro FX 3700 (P393)
Bus Connector	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16	PCI-Express x16
PCI-E Bandwidth	PCI-E 2.0 Support 16 GB/s (8GB/s each direction)	8 GB/s (4 GB/s each direction)	8 GB/s (4 GB/s each direction)	PCI-E 2.0 Support 16 GB/s (8GB/s each direction)	8 GB/s (4 GB/s each direction)	PCI-E 2.0 Support 16 GB/s (8GB/s each direction)	8 GB/s (4 GB/s each direction)	PCI-E 2.0 Support 16 GB/s (8GB/s each direction)
GPU NVIDIA Quadro	G84-825	NV43GL	G73GL	G84-850	G71GL	G84-875	G71GL	G92GL
Core Clock	360 MHz	360 MHz	350 MHz	460 MHz	325 MHz	460 MHz	450 MHz	500 MHz
Frame Buffer	256 MB	128 MB	128 MB	256 MB	256 MB	512 MB	256 MB	512 MB
Memory Interface	64 bit	128 bit	128 bit	128 bit	256bit	128 bit	256bit	256bit
Memory Type	DDR2 SDRAM	GDDR3 SDRAM	GDDR3 SDRAM	DDR2 SDRAM	GDDR3 SDRAM	DDR2 SDRAM	GDDR3 SDRAM	GDDR3 SDRAM
Memory Clock	400 (800) MHz	400 (800) MHz	300 (600) MHz	400 (800) MHz	625 (1250) MHz	400 (800) MHz	660 (1320) MHz	800 (1600) MHz
Memory Bandwidth	6,4 GB/s	12,8 GB/s	19,2 GB/s	12,8 GB/s	40,0 GB/s	12,8 GB/s	42,2 GB/s	51,2 GB/s
RAMDAC	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz	Dual 400 MHz
Power consumption	35 W	26 W	30 W	38 W	65 W	42 W	80 W	78 W
PCI Express Power Connector	-	-	-	-	-	-	1	1
Outputs	2 x DVI-I	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	2x DVI-I, 3D Stereo
Max Displays / Card	2	2	2	2	2	2	2	2
Dual-Link DVI-I outputs	1	-	1	2	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	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	-	Yes	-	Yes
Stereo connector	-	-	-	-	-	-	3 pin mini DIN	3 pin mini DIN
Genlock / Framelock	-	-	-	-	-	-	-	-
2D/3D	2D/3D	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	2048x1536 @ 85 Hz	2048x1536 @ 85 Hz
2D/3D max resolution digital	1900x1200 @ 60Hz Single Link 2560x1600 @ 60Hz Dual Link	1900x1200 @ 60 Hz	1900x1200 @ 60Hz Single Link 2560x1600 @ 60Hz Dual Link	2560x1600 @ 60Hz	2560x1600 @ 60Hz	2560x1600 @ 60Hz	2560x1600 @ 60Hz	2560x1600 @ 60Hz
Full-Scene Antialiasing max. (FSAA)	16x	8x	8x	16x	8x	32x	12x	32x
C-Programming Environment - CUDA	Yes	-	-	Yes	-	Yes	-	Yes
OpenGL	2.1	2.0	2.0	2.1	2.0	2.1	2.0	2.1
Shader Model	4.0	3.0	3.0	4.0	3.0	4.0	3.0	4.0
DirectX	10.0	9.0c	9.0c	10.0	9.0c	10.0	9.0c	10.0
SLI frame rendering	-	-	-	-	-	-	Yes	Yes
Number of Slots	1	1	1	1	1	1	1	1
Physical dimensions	16,76cm x 11,12cm (6,6" x 4,376")	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")	22,86cm x 11,12cm (9,0" x 4,38")
Universal Driver	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cooling System	Fan sink (active) 12Volt DC 29 dB	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	Fan sink (active) 12 Volt DC
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Geometry (Triangles per Sec.)	66 Million	66 Million	126 Million	137 Million	144 Million	191 Million	174 Million	250 Million
Fill Rate (Texels per Sec.)	2,9 Billion	1,4 Billion	2,8 Billion	3,7 Billion	6,0 Billion	7,4 Billion	9,4 Billion	28,0 Billion
Article No. Retail	VCQFX370-PCIE-PB	VCQFX550-PCIE-PB	VCQFX560-PCIE-PB	VCQFX570-PCIE-PB	VCQFX1500-PCIE-PB	VCQFX1700-PCIE-PB	VCQFX3500-PCIE-PB	VCQFX3700-PCIE-PB
EAN code	3536403333133	3536403331009	3536403331016	3536403333157	3536403331139	3536403333171	3536403331030	3536403333799
Article No. 10 pack Bulk	VCQFX370-PCIEBLK-1	VCQFX550-PCIEBLK-1	VCQFX560-PCIEBLK-1	VCQFX570-PCIEBLK-1	VCQFX1500-PCIEBLK-1	VCQFX1700-PCIEBLK-1	VCQFX3500-PCIEBLK-1	VCQFX3700-PCIEBLK-1

3D Application Performance ²								
3dsmax-04	25.61	19.56	27.90	30.02	30.63	34.73	33.36	36.06
catia-02	35.86	23.63	38.92	41.57	40.44	44.47	43.06	45.35
ensight-03	17.85	9.05	16.05	23.03	17.18	29.38	17.47	41.43
light-08	35.20	32.68	37.24	37.68	37.39	37.76	37.51	37.10
maya-02	52.19	44.21	71.94	73.01	85.31	110.80	108.10	169.90
proe-04	26.54	16.24	28.45	32.48	31.18	39.51	37.22	40.69
sw-01	34.36	25.32	36.44	44.84	41.16	56.12	49.84	77.95
tcvis-01	6.94	4.40	6.87	9.09	7.95	15.04	10.56	23.79
ugnx-01	6.93	5.36	9.53	8.91	10.66	14.29	14.91	26.96

²SPECviewperf@ 9: for more information visit www.spec.org. Tested on 3 GHz Dual Core Duo Xeon®, Driver Release 97.00 (FX370, FX570, FX1700, FX3700 tested with driver rel. 160+)

* Features and specifications are subject to change without notice.