SPECviewperf Benchmark Results for Current NVIDIA Quadro and Quadro FX Series Graphic Cards Reviewed

	NVIDIA Quadro FX 5000	NVIDIA Quadro FX 4800	NVIDIA Quadro 4000	NVIDIA Quadro FX 3800	NVIDIA Quadro 2000	NVIDIA Quadro FX 1800	NVIDIA Quadro 600	NVIDIA Quadro FX 580
	NEW!		NEW!		NEW!		NEW!	
Manufacturer's price	$2,249	$1,999	$1,199	$1,199	$599	$699	$199	$170
Average street price	$1,765	$1,620	$780	$818	$450	$405	$161	$150
SPECviewperf 11.0 (Boxx 8550 XTREME)								
catia-03	48.85	24.70	41.17	24.30	30.81	22.12	16.96	15.41
ensight-04	42.54	15.03	30.62	15.04	20.15	11.45	10.50	9.00
lightwave-01	69.48	66.17	69.61	65.36	65.85	58.92	41.99	42.56
maya-03	100.73	51.81	83.43	20.90	21.38	36.54	13.44	24.32
proe-05	11.37	10.79	11.36	10.72	11.33	10.72	10.02	10.09
sw-02	66.16	45.94	57.28	45.40	46.47	40.58	31.36	28.81
tcvis-02	42.36	17.91	35.41	17.59	24.87	15.80	15.45	10.62
snx-01	44.02	17.69	32.15	17.24	21.91	15.90	12.73	11.39
SPECviewperf 10.0 (HP xw6600)								
3dsmax-04	62.46	62.89	62.43	62.74	62.69	52.29	62.63	59.74
catia-02	77.93	70.09	77.86	69.91	73.67	68.33	51.41	62.56
ensight-03	112.82	59.45	91.50	56.82	66.97	54.37	44.40	45.38
maya-02	409.21	239.61	352.45	234.88	266.74	221.39	165.60	180.35
proe-04	56.95	55.22	57.00	54.91	56.69	55.75	53.59	53.48
sw-01	102.34	105.48	102.49	105.43	102.45	105.48	88.75	87.16
tcvis-01	80.27	40.47	75.86	40.04	56.73	35.61	34.81	23.71
ugnx-01	89.29	37.91	66.32	37.59	43.80	34.63	29.35	23.23
SPECIFCATIONS								
Bus architecture	PCI Express X16	PCI Express X16	PCI Express X16	PCI Express X16	PCI Express X16	PCI Express X16	PCI Express X16	PCI Express X16
Extra power req'd	Yes	Yes	Yes	Yes	No	No	No	No
Form factor	4.38"x9.75"	4.38"x10.5"	4.38"x9.5"	4.38"x9.0"	4.38"x7.0"	4.38"x7.8"	2.73"x6.6"	4.38"x6.75"
Slots used	2	2	1	1	1	1	1	1
Max Power (watts)	152W	150W	142W	108W	62W	59W	40W	40W
PCIe version	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Length	3/4-length	3/4-length	3/4-length	2/3-length	2/3-length	2/3-length	1/2-length	1/2-length
Processors	352	192	256	192	192	64	96	32
Memory configuration	2.5GB (GDDR5)	1.5GB (GDDR3)	2GB (GDDR5)	1GB (GDDR3)	1GB (GDDR5)	768MB (GDDR3)	1GB (DDR3)	512MB (GDDR3)
Memory interface	320-bit	384-bit	256-bit	256-bit	128-bit	192-bit	128-bit	128-bit
Memory bandwith	120 GB/sec	76.8 GB/sec	89.6 GB/sec	51.2 GB/sec	41.6GB/sec	38.4 GB/sec	25.6 GB GB/sec	25.6GB/sec
Number of Dual-Link DVI Outputs	1	1	1	1	1	1	1	1
Number of Display Port Outputs	2	2	2	2	2	2	1	2
Stereo 3D Connector (3-pin)	Yes	Yes	Yes (1)	Yes (1)	No	No	No	No
SDI-enabled	Yes	Yes	Yes	Yes	No	No	No	No
Framelock/Genlock	Yes (2)	Yes (2)	No	No	No	No	No	No
SLI	Yes	Yes	Yes	Yes	Yes	No	No	No
OpenGL version	4.0	3.0	4.1	3.1	4.0	3.0	4.0	3.0
DirectX/Shader Model	11/5.0	10.0/4.0	11/5.0	10.0/4.0	11/5.0	10.0/4.0	11/5.0	10.0/4.0
Maximum Resolution Support (@ 60 Hz)	2560x1600	2560x1600	2560x1600	2560x1600	2560x1600	2560x1600	2560x1600	2560x1600

Notes: **1.** Requires optional 3-pin Mini-DIN bracket. **2.** Requires optional G-Sync option card.