NVIDIA® TESLA® PROFESSIONAL SERVER SOLUTIONS

SERVER LINECARD

		Hewlett Packard			Dell			IBM		Fujitsu	SuperMicro										Appro		NextIO	Bull	Tyan		Asus	Quanta
		Rack			Rack		Blade	Rack	Blade	Rack	Rack										Rack		Rack	Blade	Rack		Rack	Rack
	Model	Proliant SL250 Gen8	Proliant SL390 G7 2U Tray	ProLiant SL390 G7 4U Tray	PowerEdge R720	Power Edge C410x	Power Edge M610x	IBM iDataplex dx360 M3	Blade Center GPU exp. Blade	Primergy CX270 S1	Supermicro 1017 GR	Supermicro 5017 GR	Supermicro 1027 GR	Supermicro 2027 GR	Supermicro 1026GT 1U	Supermicro 2026GT 2U	Supermicro 6016GT 1U	Supermicro GPU TwinBlade	Supermicro 6026TT	Appro Tetra	Appro Greenblade	NextIO vCore Express	Bull Blade	Tyan 4U FT72-B7015	Tyan GN70-B8236	Asus ESC4000	Quanta STRATOS S400-X44E
TESLA GPUs	M2090	3	3	8	2	16	1	2	4	1	2	2	3	4	2	4	2	2	1	4	2	4	2	8	2	4	4
	M2070 / M2075	3	3	8	2	16	1	2	4	1	2	2	3	4	2	4	2	2	1	4	2	4	2	8	2	4	4
	M2070Q			3	2	16	1	2	4											4	2						
	M2050			8		16	1	2	4		2	2		2		2	2			4	2		2	8	2	4	
Additional TESLA Configuration Info	Number of GPUs	3	3	8	2	16	1	2	4	1	2	2	3	4	2	4	2	2	1	4	2	4	2	8	2	4	4
	Number of CPU Sockets	2	2	2	2	none[1]	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	none[3]	2	2	2	2	4
	Ratio: GPU to CPU	3:2	3:2	4:1	1:1	2:1[2]	1:2	1:1	2:1	1:2	2:1	2:1	3:2	2:1	1:1	2:1	1:1	1:1	1:2	2:1	1:1	2:1	2:1	4:1	1:1	2:1	1:1
	Minimum Rack config.	4U	4U	4U	2U	4U	10U	2U	9U	2U	1U	1U	1U	2U	1U	2U	1U	7U	2U	1U	5U	2U	7U	4U	2U	2U	4U
	Effective GPUs/1RU	3	3	4	1	3.2	0.8	1.3	1.2	1	2	2	3	2	2	2	2	2.8	1	4	2	2	2.6	2	1	2	1

1. Dell C410x has no CPU sockets, pairs with external host
2. Supports 2:1 now, 8:1 with new hosts
3. Pairs with the external host

For more information on NVIDIA Solutions **visit www.nvidia.com**

NVIDIA