

BOARD FEATURES	High End			Mid Range		Entry	
	Quadro K5000	Quadro K5000 For Mac	Quadro K4000	Quadro K2000	Quadro K2000D	Quadro K600	Quadro 410
Memory Size	4GB GDDR5	4GB GDDR5	3GB GDDR5	2GB GDDR5	2GB GDDR5	1GB DDR3	512MB DDR3
Memory Interface	256-bit	256-bit	192-bit	128-bit	128-bit	128-bit	64-bit
Memory Bandwidth	173 GB/s	173 GB/s	134GB/s	64 GB/s	64 GB/s	29 GB/s	14 GB/s
CUDA™ Parallel Processor Cores	1536	1536	768	384	384	192	192
Max Power Consumption	122W	122W	80W	51W	51W	41W	37W
Power Connector	1x 6-pin	1x 6-pin	1x 6-pin				
Number of slots	2	2	1	1	1	1	1
# simultaneous displays³	4	4	4	4	4	2	2
Display Connectors	DVI-I DVI-D DP DP 3pin Stereo ¹	DVI-I DVI-D DP DP 3pin Stereo ¹	DVI-I DP DP 3pin Stereo ¹	DVI-I DP DP	DVI-I DVI-D mDP	DVI-I DP	DVI-I DP
ECC (Error Correcting Code)	✓ ²	✓ ²					
OpenGL	4.3	3.2 ⁶	4.3	4.3	4.3	4.3	4.3
Shader Model	5.0	5.0	5.0	5.0	5.0	5.0	5.0
DirectX	11	11	11	11	11	11	11
3D Vision Pro	✓		✓	✓	✓	✓	✓
NVIDIA® Mosaic Technology	✓		✓	✓	✓	✓	✓
Multi-Display Synchronization	Quadro Sync						
NVIDIA® SLI Support⁴	✓						
NVIDIA® nView® Display Management Technology	✓		✓	✓	✓	✓	✓
High Performance Video I/O⁵	✓		✓				

¹ Optional

² On GDDR5 memory only

³ Includes directly attached displays and displays connected through DisplayPort 1.2 hubs

⁴ On SLI Certified Platforms

⁵ High Performance Video I/O includes support for NVIDIA SDI Capture and Output boards and GPUdirect for Video enabled 3rd party I/O boards

⁶ OpenGL 3.2 on Mac OS X, OpenGL 4.3 on Windows using Bootcamp