

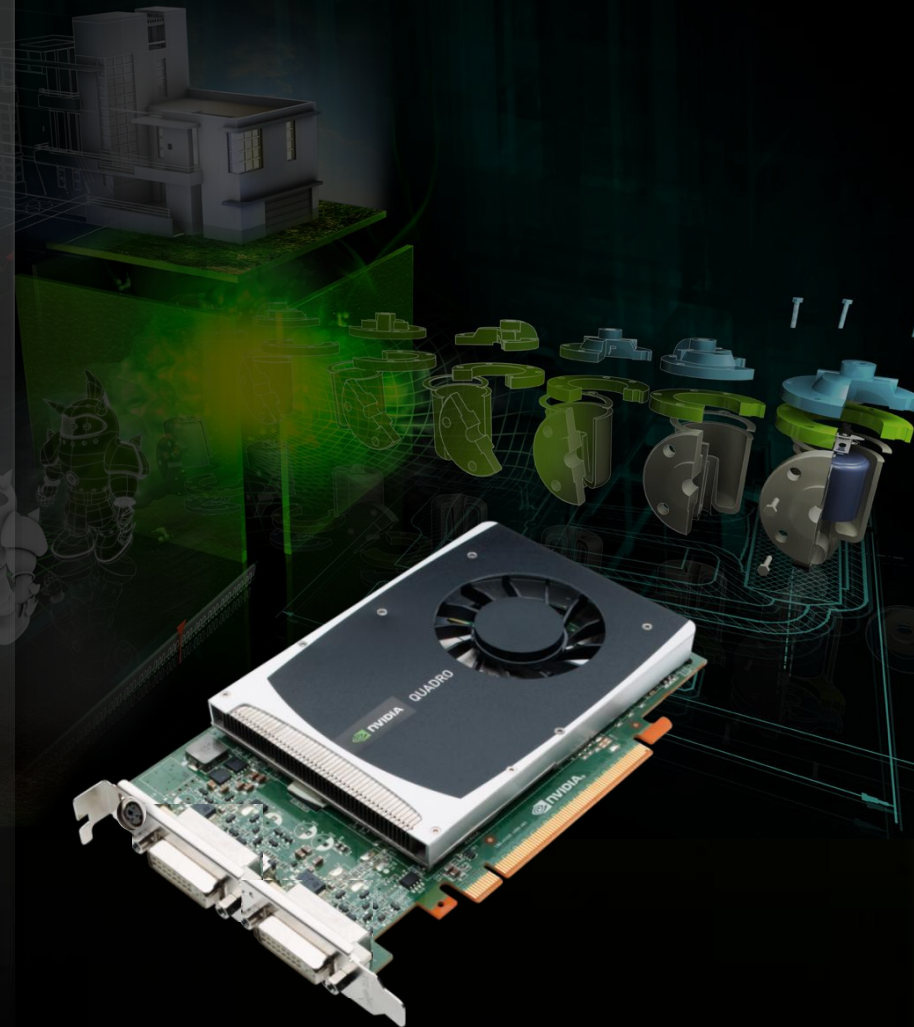
The background features a complex 3D architectural design with sweeping, curved surfaces in shades of lime green and white. The lighting creates strong highlights and deep shadows, giving the scene a sense of depth and movement. The overall aesthetic is clean, modern, and futuristic.

NVIDIA Quadro 2000 D

Quadro[®] 2000 D

Imaging Workhorse

- Dual DL-DVI Connectivity
- Industry Leading Performance / Watt
- Native Compatibility w/ Leading Deep Color & Grayscale Displays
- Mosaic Display Technology
- 3D Vision Pro Support
- ISV Certification on all Major Professional Applications



Quadro® 2000 D Specifications



Model	Quadro 2000 D
CUDA Cores	192
Memory Size	1.0GB GDDR5
Memory Bandwidth	41.6 GB/s (256-bit)
Power	62 W
Form Factor	4.376" x 7" Single Slot
Display IO	DL-DVI-I (2) + Stereo
NVIDIA Multi OS	Yes
3D Vision / 3D Vision Pro	Yes (USB or Stereo)
DirectX11	Yes
OpenGL 4.1	Yes

- **Dual DL-DVI-I Connectors**
 - **Enables Full 330MHz with DDC and Legacy VGA**
- **Display Compatibility**
 - **Leading 5MP/10MP Deep Color and Grayscale Displays**
- **Dedicated 3-pin Stereo Connector**
 - **Deterministic Stereo**

NVIDIA 10 & 12 Bit Grayscale Technology



- Preserves and transmits the full grayscale range to high grayscale density displays through Quadro professional graphics.
- Quadro products are compatible with a wide range of 10 and 12bit grayscale displays



http://www.nvidia.com/docs/IO/40049/TB-04631-001_v02.pdf

Quadro 2000 D v. Quadro FX 1800



	Quadro 2000 D	Quadro FX 1800	Positioning / Talking Points
Target Market	Imaging / Diagnostic	CAD / CAM / DCC	Quadro 2000 D ideal product for Imaging & Diagnostic systems
Performance – ViewPerf 11 Geomean	24.13	18.71	Highest performing professional solution in the Mid-Range segment
Memory	1GB GDDR5	768MB GDDR3	
Memory B/W	41.6 GB/s	38.4 GB/s	Memory Bandwidth not major issue for CAD/CAM experience
CUDA Processing Cores	192 CUDA	64 CUDA	CUDA is defacto compute standard. AMD Stream has no relevance or adoption
Power	62W	59W	Industry leading Perf per Watt
Display I/O	2x DL-DVI + Stereo	1xDL DVI + 2x DP	Addresses the display connector demands of Imaging market
Display Scaling	Mosaic Technology*	Span mode	AMD Eyefinity only supported on Win7 – Quadro support for WinXP,,Vista, Win7, Linux, Solaris. Mosaic Technology enables a desktop to transparently scale across 8 displays.
3D Vision / 3D Vision Pro	Yes + Raster locked Stereo	Yes	Stereo offered either via USB or Deterministic raster-locked stereo via 3-pin DIN connector
Max FSAA# (Single Card)	Up to 64x	Up to 32x	v5800 FSAA stops at 8x. Quadro 2000 up to 64x FSAA

* Mosaic Technology available with upcoming driver release in Winter 2010.