

Floating-Point Operations (FLOPs) per Second
(In Billions)

1000

900

800

700

600

500

400

300

200

100

0

'00

'01

'02

'03

'04

'05

'06

'07

'08

'09

'10

Year

Comparable FLOPS
not Recorded

TEXT GPU
Release

TEXT CPU
Release

TEXT GPU Programming
Language Release

Pentium III

Pentium 4

NV30

NV40

G70

G71

G80

GTX 280
(933 GFLOPs,
93 FP64 GFLOPs)

Tesla C2070 "Fermi"
(>1 TFLOP,
~630 FP64 GFLOPs)

Tesla
C870

NVIDIA CUDA

OpenCL

Sh/RapidMind

BrookGPU

Cg/HLSL/
GLSL

RTSL

Core 2
Extreme
(51.2
GFLOPs)

i7 Extreme
(55.5
GFLOPs)

Core 2

