

Chevron Energy Technology Company

Bill Volz

Technical Computing
Emerging Technology, Strategy and
Consulting Team

Tesla GPU?

FPGA?

?????

Cell?

C1060 Tesla ~\$1,600*

FPGA ~\$20,000

Cell ~\$8,000

?????

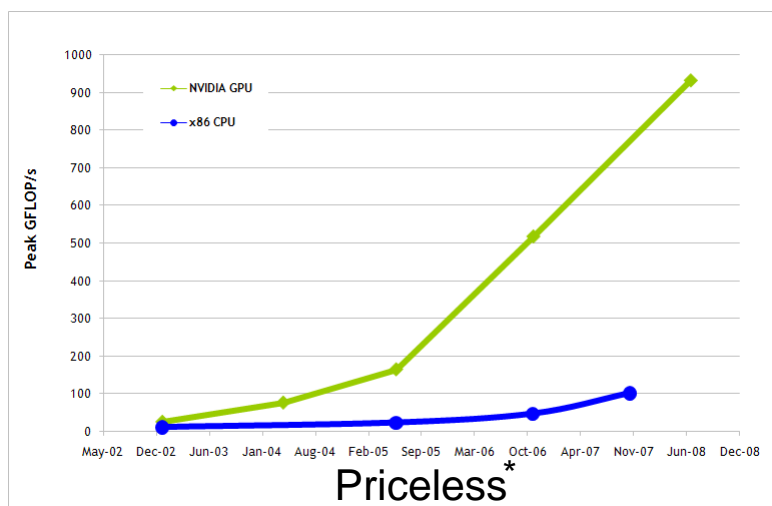
* Your accelerator and/or price may vary



HP XW8600 \$1,560 and up*

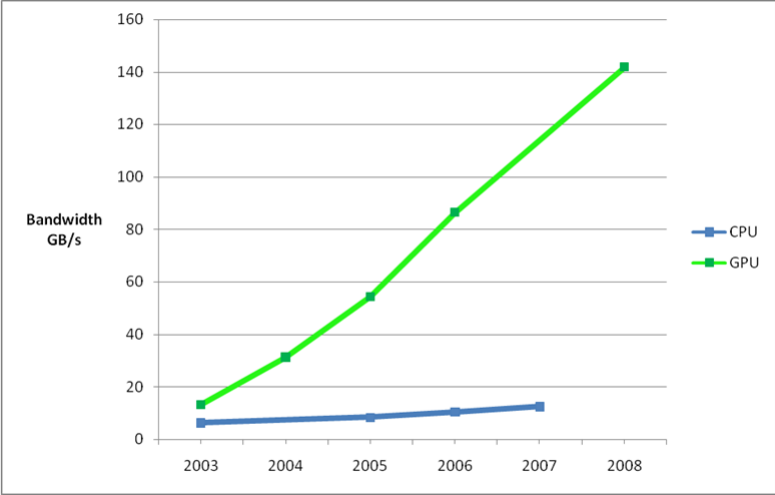
*Your vendor may vary

Single Precision Gflops/sec



*Your speed up may vary – Courtesy Nvidia

Memory Bandwidth



Courtesy Nvidia