

# GPU Computing

## More GFLOPS, Fewer Watts!

### Clusters with Tesla S1070 - 4 GPU Servers

- ▶ 36 GPUs + 36 CPUs + 24 TB in 24U
- ▶ 40 Gbps FasTree™ InfiniBand
- ▶ InfiniScope™ Network Monitoring

### WhisperStation™ with 1 to 4 Tesla GPUs

#### Tesla C1060 GPU Performance:

- ▶ 1 TFLOPS per GPU
- ▶ 4 GB DDR3 per GPU
- ▶ 102 GB/Sec Bandwidth



### FireStream™ Workstations & Servers

- ◉ WhisperStation™ - FS with FireStream 9250 Stream Processors



#### AMD FireStream 9250

##### Stream Processor Performance

- ▶ 1 TFLOPS
- ▶ 1 GB DDR3
- ▶ Single Wide Card /150 Watts
- ▶ Double Precision Floating Point Hardware

##### Stream SDK

- ▶ Brook+ Open Source Compiler
- ▶ ACML and CAL Math Libraries



508-746-7341  
microway.com



GSA Schedule  
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