

Reload page

Main

CPUs

GPU-Fixed

GPU-Chg.

GPU-Dyn.

Memory

Disks

Files

Software

Calls

Parameters

Performance

Movie

Usage

Links

Dashboard

Help

Dashboard

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Performance Analysis for Subroutine CNDF ; Time used=4:03

COMPLETED			
24% Other	37% MM	26% TR	13% DIA

Total Processor Performance
(64-bit floating point operations per second)

Tera	Giga	Mega	Kilo	Flops
14	434	951	359	034

Component Performance (Gflops)

Routine	All	32 CPU s	GPU 1 53 °C 1328 MHz 44 Watts	GPU 2 49 °C 1328 MHz 44 Watts	GPU 3 60 °C 1328 MHz 45 Watts	GPU 4 64 °C 1328 MHz 46 Watts
Matrix Multiply CPU(0%)	16230	0	4254	4243	4058	4062
Triangle Solve CPU(0%)	14450	0	3888	3875	3613	3613
Diagonal Factor	9308	8	2684	2606	2405	2412
GPU model = Tesla P100-PCIE-16GB						

Time (Sec.)

Routine	All	CPU s	GPU 1	GPU 2	GPU 3	GPU 4
Matrix Multiply	91	0	86	87	91	90
Triangle Solve	62	0	58	58	62	62
Diagonal Factor	32	2	27	28	31	31
Total Compute	185	2	171	173	184	184
Assembly	2					
I/O wait	0					
HTML	<1					

Other	58	
Overall	244	

Times and Problem

Job Started	0	20:27:21 Tue Apr 10 2018	Equations	100000	Compute Rate (Gflops)	14435
Routine Started	108	20:29:09 Tue Apr 10 2018	Vectors	0	Read Rate (MBytes/Sec.)	0
Current Time	352	20:33:13 Tue Apr 10 2018	Block Size	33792 X 33792	Disk->Memory Reuse	67584
Estimated Completion	352	20:33:13 Tue Apr 10 2018	Data Type	Complex	Disk Speed / Compute Speed	0.00