MatrixWarrior Powered by ***FMS***lib

Performance Analysis for Subroutine CNDF ; Time used=8:54

COMPLETED				
		55% MM	25% TR	12% DIA

Times and Problem

Job Started	0	14:27:16 Thu Apr 27 2017	**Equations**	100000	**Compute Rate (Gflops)**	5448
Routine Started	112	14:29:08 Thu Apr 27 2017	**Vectors**	0	**Read Rate (MBytes/Sec.)**	0
Current Time	646	14:38:03 Thu Apr 27 2017	**Block Size**	25088 X 25088	**Disk->Memory Reuse**	50176
Estimated Completion	646	14:38:03 Thu Apr 27 2017	**Data Type**	Complex	**Disk Speed / Compute Speed**	0.00

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

Tera	Giga	Mega	Kilo	Flops
5	448	249	853	574

Component Performance (Gflops)

Routine	All	32 CPUs	GPU 1 44 °C	GPU 2 35 °C	GPU 3 52 °C	GPU 4 39 °C	GPU 5 35 °C	GPU 6 49 °C	GPU 7 40 °C	GPU 8 55 °C
Matrix Multiply CPU(0%)	5968	0	772	783	761	765	752	748	748	759
Triangle Solve CPU(0%)	5568	0	722	732	708	711	699	696	701	711
Diagonal Factor	2709	10	394	406	398	401	395	397	400	384
GPU model = Tesla K80										

Time (Sec.)

Routine	All	CPUs	GPU 1	GPU 2	GPU 3	GPU 4	GPU 5	GPU 6	GPU 7	GPU 8

Matrix Multiply	293	0	283	279	287	286	290	292	292	288
Triangle Solve	135	0	130	129	133	132	135	135	134	132
Diagonal Factor	62	5	44	45	48	51	54	57	60	61
Total Compute	489	5	457	452	468	469	479	484	486	481
Assembly	2									
I/O wait	0									
HTML	4									
Other	41									
Overall	534									