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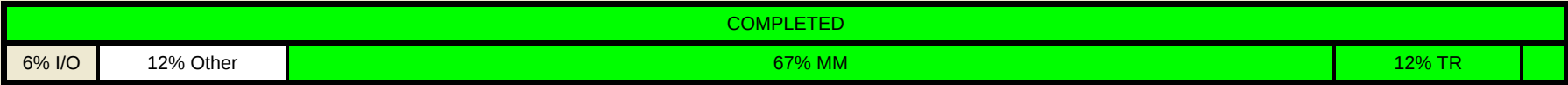
Dashboard

Help

Dashboard

Matrix Warrior Powered by *FMSlib* Copyright © Multipath Corporation

Performance Analysis for Subroutine **CNDF** ; Time used=8:46:28



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

Tera	Giga	Mega	Kilo	Flops
102	670	755	768	860

Component Performance (Gflops)

Routine	All	96 CPUs	GPU 1	GPU 2	GPU 3	GPU 4	GPU 5	GPU 6	GPU 7	GPU 8	GPU 9	GPU 10	GPU 11	GPU 12	GPU 13	GPU 14	GPU 15	GPU 16	
			35 °C	35 °C	45 °C	46 °C	37 °C	46 °C	37 °C	44 °C	36 °C	36 °C	45 °C	44 °C	36 °C	35 °C	45 °C	45 °C	
			1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380
			MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
			70	71	75	73	68	72	70	74	68	69	72	74	70	68	73	72	
			Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	
Matrix Multiply CPU(0%)	107771	0	6755	6750	6764	6744	6751	6756	6760	6758	6763	6754	6758	6757	6756	6755	6752	6755	
Triangle Solve CPU(0%)	94669	0	5964	5959	5994	5944	5941	5950	5949	5946	5963	5954	5944	5936	5947	5943	5934	5937	
Diagonal Factor	26864	5	1775	1768	1766	1766	1766	1759	1755	1756	1748	1744	1745	1747	1742	1736	1735	1740	
GPU model = Tesla V100-SXM3-32GB																			

Time (Sec.)

Routine	All	CPU	GPU 1	GPU 2	GPU 3	GPU 4	GPU 5	GPU 6	GPU 7	GPU 8	GPU 9	GPU 10	GPU 11	GPU 12	GPU 13	GPU 14	GPU 15	GPU 16
Matrix Multiply	21074	0	21013	21029	20987	21049	21028	21011	20998	21006	20990	21018	21003	21007	21011	21013	21023	21013
Triangle Solve	3892	0	3861	3864	3842	3874	3876	3870	3871	3872	3862	3868	3874	3879	3872	3874	3881	3878
Diagonal Factor	1007	35	935	940	944	946	949	955	960	961	968	973	975	977	982	988	991	991

Total Compute	25973	35	25809	25833	25773	25869	25852	25835	25828	25840	25821	25858	25852	25863	25865	25875	25895	25883
Assembly	341																	
I/O wait	1951																	
HTML	69																	
Other	3596																	
Overall	31589																	

Times and Problem

Job Started	0	14:00:47 Sat Mar 16 2019	Equations	1000000	Compute Rate (Gflops)	102671
Routine Started	815	14:14:22 Sat Mar 16 2019	Vectors	0	Read Rate (MBytes/Sec.)	5992
Current Time	32412	23:00:58 Sat Mar 16 2019	Block Size	102400 X 102400	Disk->Memory Reuse	204800
Estimated Completion	32412	23:00:58 Sat Mar 16 2019	Data Type	Complex	Disk Speed / Compute Speed	1.49