

Reload page

Main

CPU**s**

Cpu-Gpu

GPU-Fixed

GPU-Chg.

GPU-Dyn.

GPU-RTL

Memory

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Calls

Parameters

Performance

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Usage

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Dashboard

Matrix Warrior Powered by **FMSlib** Copyright © Multipath Corporation

Performance Analysis for Subroutine **CNDF** ; Time used=3:25:49

COMPLETED				
9% I/O	14% Other	6% ASM	15% TR	58% MM

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

Tera	Giga	Mega	Kilo	Flops
118	029	156	966	004

Component Performance (Gflops)

Routine	All	GPU 1 30 °C 1155 MHz 68 Watts	GPU 2 30 °C 1155 MHz 68 Watts	GPU 3 30 °C 1155 MHz 71 Watts	GPU 4 31 °C 1155 MHz 67 Watts	GPU 5 38 °C 1155 MHz 72 Watts	GPU 6 40 °C 1155 MHz 74 Watts	GPU 7 40 °C 1155 MHz 71 Watts	GPU 8 39 °C 1155 MHz 73 Watts
Matrix Multiply	119847	15131	15106	15165	15191	15231	15256	15332	15319
Triangle Solve	124957	15719	15720	15689	15709	16048	16036	16316	16338

GPU model = A100-SXM-80GB

Time (Sec.)

Routine	All	CPU s	GPU 1	GPU 2	GPU 3	GPU 4	GPU 5	GPU 6	GPU 7	GPU 8
Matrix Multiply	7156	0	7113	7125	7097	7085	7067	7055	7020	7026
Triangle Solve	1890	0	1878	1878	1881	1879	1839	1841	1809	1807
Diagonal Factor	486	12	447	447	451	452	455	456	458	459
Total Compute	9532	12	9438	9450	9430	9416	9361	9352	9287	9292
Assembly	725									
I/O wait	1069									
HTML	11									
Other	1737									

Overall	12349	
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Times and Problem

Job Started	0	22-May-2021 at 14:53:56	Equations	750000	Compute Rate (Gflops)	118029
Routine Started	636	22-May-2021 at 15:04:32	Vectors	0	Read Rate (MBytes/Sec.)	8650
Current Time	12990	22-May-2021 at 18:30:25	Block Size	125952 X 125952	Disk->Memory Reuse	251904
Estimated Completion	12990	22-May-2021 at 18:30:26	Data Type	Complex	Disk Speed / Compute Speed	2.31