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A tabela foi calculada a partir da média de 10 iterações em cada simulação.

Tabela 1. Resultados Pthreads

|  |  | Pthreads | 1000 | 10000 | 20000 |
| --- | --- | --- | --- | --- | --- |
|  |  | 1 | 0.002845794 | 0.1543876 | 0.5394976 |
|  |  | 2 | 0.0007236 | 0.0398126 | 0.1548478 |
|  |  | 4 | 0.0004112 | 0.0182156 | 0.053638 |
|  |  | 8 | 0.0003628 | 0.0070626 | 0.024261 |

Os resultados apresentados na tabela 1 estão em segundos.

Tabela 2. Resultados OpenMP

|  |  | OpenMP | 1000 | 10000 | 20000 |
| --- | --- | --- | --- | --- | --- |
|  |  | 1 | 0.0029018 | 0.1783876 | 0.5534976 |
|  |  | 2 | 0.0007362 | 0.0412258 | 0.1574964 |
|  |  | 4 | 0.0013456 | 0.011484 | 0.0530152 |
|  |  | 8 | 0.0003086 | 0.0083058 | 0.026401 |

Os resultados apresentados na tabela 2 estão em segundos.

As configurações do pc são:

processor : 0

vendor\_id : GenuineIntel

cpu family : 6

model : 58

model name : Intel(R) Core(TM) i3-3240 CPU @ 3.40GHz

stepping : 9

microcode : 0x1c

cpu MHz : 1602.515

cache size : 3072 KB

physical id : 0

siblings : 4

core id : 0

cpu cores : 2

apicid : 0

initial apicid : 0

fpu : yes

fpu\_exception : yes

cpuid level : 13

wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx rdtscp lm constant\_tsc arch\_perfmon pebs bts rep\_good nopl xtopology nonstop\_tsc aperfmperf eagerfpu pni pclmulqdq dtes64 monitor ds\_cpl vmx est tm2 ssse3 cx16 xtpr pdcm pcid sse4\_1 sse4\_2 popcnt tsc\_deadline\_timer xsave avx f16c lahf\_lm epb tpr\_shadow vnmi flexpriority ept vpid fsgsbase smep erms xsaveopt dtherm arat pln pts

bugs :

bogomips : 6784.34

clflush size : 64

cache\_alignment : 64

address sizes : 36 bits physical, 48 bits virtual

power management:

processor : 1

vendor\_id : GenuineIntel

cpu family : 6

model : 58

model name : Intel(R) Core(TM) i3-3240 CPU @ 3.40GHz

stepping : 9

microcode : 0x1c

cpu MHz : 1677.554

cache size : 3072 KB

physical id : 0

siblings : 4

core id : 1

cpu cores : 2

apicid : 2

initial apicid : 2

fpu : yes

fpu\_exception : yes

cpuid level : 13

wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx rdtscp lm constant\_tsc arch\_perfmon pebs bts rep\_good nopl xtopology nonstop\_tsc aperfmperf eagerfpu pni pclmulqdq dtes64 monitor ds\_cpl vmx est tm2 ssse3 cx16 xtpr pdcm pcid sse4\_1 sse4\_2 popcnt tsc\_deadline\_timer xsave avx f16c lahf\_lm epb tpr\_shadow vnmi flexpriority ept vpid fsgsbase smep erms xsaveopt dtherm arat pln pts

bugs :

bogomips : 6784.34

clflush size : 64

cache\_alignment : 64

address sizes : 36 bits physical, 48 bits virtual

power management:

processor : 2

vendor\_id : GenuineIntel

cpu family : 6

model : 58

model name : Intel(R) Core(TM) i3-3240 CPU @ 3.40GHz

stepping : 9

microcode : 0x1c

cpu MHz : 1601.984

cache size : 3072 KB

physical id : 0

siblings : 4

core id : 0

cpu cores : 2

apicid : 1

initial apicid : 1

fpu : yes

fpu\_exception : yes

cpuid level : 13

wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx rdtscp lm constant\_tsc arch\_perfmon pebs bts rep\_good nopl xtopology nonstop\_tsc aperfmperf eagerfpu pni pclmulqdq dtes64 monitor ds\_cpl vmx est tm2 ssse3 cx16 xtpr pdcm pcid sse4\_1 sse4\_2 popcnt tsc\_deadline\_timer xsave avx f16c lahf\_lm epb tpr\_shadow vnmi flexpriority ept vpid fsgsbase smep erms xsaveopt dtherm arat pln pts

bugs :

bogomips : 6784.34

clflush size : 64

cache\_alignment : 64

address sizes : 36 bits physical, 48 bits virtual

power management:

processor : 3

vendor\_id : GenuineIntel

cpu family : 6

model : 58

model name : Intel(R) Core(TM) i3-3240 CPU @ 3.40GHz

stepping : 9

microcode : 0x1c

cpu MHz : 1605.835

cache size : 3072 KB

physical id : 0

siblings : 4

core id : 1

cpu cores : 2

apicid : 3

initial apicid : 3

fpu : yes

fpu\_exception : yes

cpuid level : 13

wp : yes

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx rdtscp lm constant\_tsc arch\_perfmon pebs bts rep\_good nopl xtopology nonstop\_tsc aperfmperf eagerfpu pni pclmulqdq dtes64 monitor ds\_cpl vmx est tm2 ssse3 cx16 xtpr pdcm pcid sse4\_1 sse4\_2 popcnt tsc\_deadline\_timer xsave avx f16c lahf\_lm epb tpr\_shadow vnmi flexpriority ept vpid fsgsbase smep erms xsaveopt dtherm arat pln pts

bugs :

bogomips : 6784.34

clflush size : 64

cache\_alignment : 64

address sizes : 36 bits physical, 48 bits virtual

power management: