

T1-A

Alunos

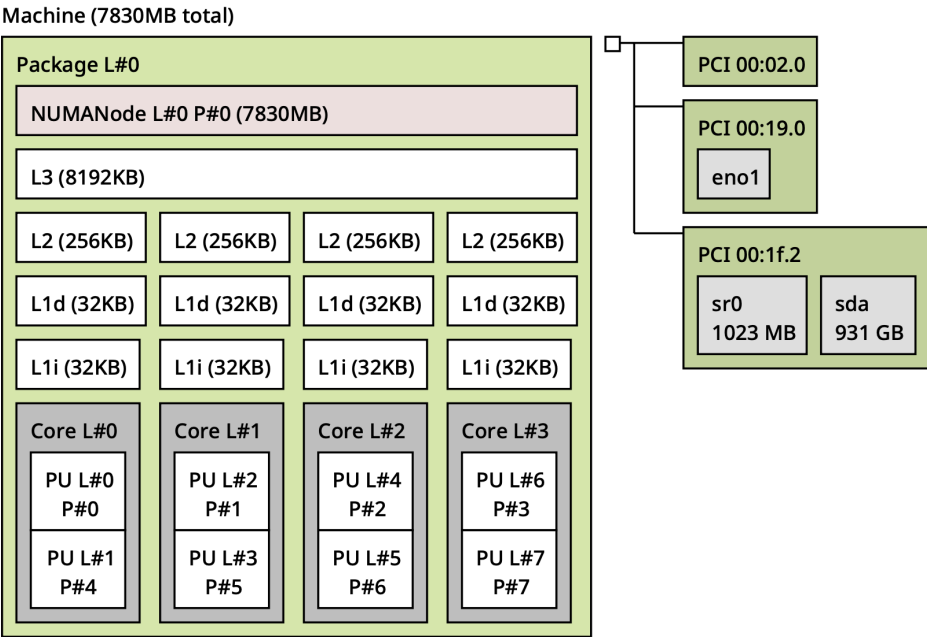
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Saída lscpu

Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Address sizes: 39 bits physical, 48 bits virtual
Byte Order: Little Endian
CPU(s): 8
On-line CPU(s) list: 0-7
Vendor ID: GenuineIntel
Model name: Intel(R) Core(TM) i7-4770 CPU @ 3.40GHz
CPU family: 6
Model: 60
Thread(s) per core: 2
Core(s) per socket: 4
Socket(s): 1
Stepping: 3
CPU(s) scaling MHz: 37%
CPU max MHz: 3900,0000
CPU min MHz: 800,0000
BogoMIPS: 6783,97
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 pdpe1gb rdtscp lm constant_ts
c arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc cpuid aperfmperf pni
pclmulqdq dtes64 monitor ds_cpl vmx smx est tm2 ssse3 sdbg fma cx16 xtpr pdcm p
cid sse4_1 sse4_2 x2apic movbe popcnt aes xsave avx f16c rdrand lahf_lm abm cpui
d_fault epb invpcid_single pti tpr_shadow vnmi flexpriority ept vpid ept_ad fsgs
base tsc_adjust bmi1 avx2 smep bmi2 erms invpcid xsaveopt dtherm ida arat pln pt
s
Virtualization features:
Virtualization: VT-x
Caches (sum of all):

L1d: 128 KiB (4 instances)
L1i: 128 KiB (4 instances)
L2: 1 MiB (4 instances)
L3: 8 MiB (1 instance)
NUMA:
NUMA node(s): 1
NUMA node0 CPU(s): 0-7
Vulnerabilities:
Gather data sampling: Not affected
Itlb multihit: KVM: Mitigation: VMX disabled
L1tf: Mitigation; PTE Inversion; VMX conditional cache flushes, SMT vulnerable
Mds: Vulnerable: Clear CPU buffers attempted, no microcode; SMT vulnerable
Meltdown: Mitigation; PTI
Mmio stale data: Unknown: No mitigations
Reg file data sampling: Not affected
Retbleed: Not affected
Spec rstack overflow: Not affected
Spec store bypass: Vulnerable
Spectre v1: Mitigation; usercopy/swapgs barriers and __user pointer sanitization
Spectre v2: Mitigation; Retpolines; STIBP disabled; RSB filling; PBRSE-eIBRS Not affected; B
HI Not affected
Srbds: Vulnerable: No microcode
Tsx async abort: Not affected

Saída Istopo



Host: j17
Date: dom 03 nov 2024 19:38:06

Tabela

THREADS	TEMPO MÉDIO DE EXECUÇÃO (ns)	VAZÃO MÉDIA (OP/s)
n = 1,000,000		
1	4067.00	245881.4851
2	110298.00	9066.347531
3	151378.30	6605.966641
4	196728.60	5083.145003
5	245526.90	4072.873481
6	253787.60	3940.302836
7	271960.30	3677.007269
8	332056.30	3011.537501
n = 2,000,000		
1	4208.50	237614.3519
2	96550.20	10357.30635
3	160936.70	6213.62312
4	200658.60	4983.589041
5	222112.00	4502.233108
6	260780.10	3834.648426
7	286115.50	3495.092017
8	306527.10	3262.354291

n = 4,000,000		
1	3997.10	250181.3815
2	94094.90	10627.56855
3	150270.40	6654.670514
4	204030.60	4901.2256
5	217646.80	4594.600058
6	243236.60	4111.223393
7	275194.50	3633.793553
8	295987.10	3378.525618
n = 8,000,000		
1	4123.50	242512.4288
2	112109.10	8919.882507
3	156115.60	6405.509763
4	202838.30	4930.035403
5	222464.30	4495.103259
6	250427.60	3993.170082
7	258367.60	3870.454345
8	313185.60	3192.994825
n = 16,000,000		
1	4224.70	236703.1979
2	95383.60	10483.98257
3	161013.10	6210.674784
4	193057.90	5179.793212
5	238283.60	4196.679923
6	282735.80	3536.870817
7	287901.90	3473.405351
8	286538.30	3489.934853