

processor : 0
vendor_id : GenuineIntel
cpu family : 6
model : 158
model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz
stepping : 10
microcode : 0xca
cpu MHz : 899.970
cache size : 9216 KB
physical id : 0
siblings : 12
core id : 0
cpu cores : 6
apicid : 0
initial apicid : 0
fpu : yes
fpu_exception : yes
cpuid level : 22
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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt

intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 1

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 802.914

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 1

cpu cores : 6

apicid : 2

initial apicid : 2

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 2

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 801.794

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 2

cpu cores : 6

apicid : 4

initial apicid : 4

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 3

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 833.629

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 3

cpu cores : 6

apicid : 6

initial apicid : 6

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c

rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 4

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 881.804

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 4

cpu cores : 6

apicid : 8

initial apicid : 8

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 5

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 801.402

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 5

cpu cores : 6

apicid : 10

initial apicid : 10

fpu : yes

fpu_exception : yes

cpuid level : 22

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 pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 6

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 824.701

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 0

cpu cores : 6

apicid : 1

initial apicid : 1

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl

xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 7

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 831.440

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 1

cpu cores : 6

apicid : 3

initial apicid : 3

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 8

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 828.951

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 2

cpu cores : 6

apicid : 5

initial apicid : 5

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00
clflush size : 64
cache_alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:

processor : 9
vendor_id : GenuineIntel
cpu family : 6
model : 158
model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz
stepping : 10
microcode : 0xca
cpu MHz : 836.738
cache size : 9216 KB
physical id : 0
siblings : 12
core id : 3
cpu cores : 6
apicid : 7
initial apicid : 7
fpu : yes
fpu_exception : yes
cpuid level : 22
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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 10

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 900.173

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 4

cpu cores : 6

apicid : 9

initial apicid : 9

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp
hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management:

processor : 11

vendor_id : GenuineIntel

cpu family : 6

model : 158

model name : Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz

stepping : 10

microcode : 0xca

cpu MHz : 900.401

cache size : 9216 KB

physical id : 0

siblings : 12

core id : 5

cpu cores : 6

apicid : 11

initial apicid : 11

fpu : yes

fpu_exception : yes

cpuid level : 22

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
pdpe1gb rdtscp lm constant_tsc art arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc cpuid aperfmperf tsc_known_freq pni pclmulqdq
dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtpr pdcm pcid
sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c
rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pti ssbd
ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid fsgsbase tsc_adjust
bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt
intel_pt xsaveopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp

hwp_notify hwp_act_window hwp_epp md_clear flush_l1d

bugs : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass
l1tf mds swapgs itlb_multihit

bogomips : 4416.00

clflush size : 64

cache_alignment : 64

address sizes : 39 bits physical, 48 bits virtual

power management: