x86info

NAME

x86info — display x86 CPU diagnostics

SYNOPSIS

x86info [-a] [-c] [-f] [fB-F] **[-m] [-mhz] [-r] [?] [--all] [--cache] [--flags] [--verbose] [--msr]
[--mhz] [--registers] [--help]**

DESCRIPTION

This manual page documents **x86info**, a program which displays a range of information about the
CPUs present in an x86 system.

In order to make full use of this program you need to have the CPU ID and MSR device drivers in your
kernel with accessible device files /dev/cpu/<n>/cpuid and /dev/cpu/<n>/msr.

OPTIONS

This program follows the usual GNU command line syntax, with long options starting with two dashes
('-'). A summary of options is included below.

?   --help
      Show summary of options.

-a   --all
      Show all information. Equivalent to **-c -f -m   -r -mhz**.

-c   --cache
      Show TLB, cache sizes and cache associativity.

-f   --flags
      Show CPU feature flags.

-m   --msr
      Dump model specific registers. This feature is currently only supported on a few different
      processors. Future versions will include parsing of bits in MSRs for all processors.

-mhz   --mhz
      Estimate current clock rate.

-mp   --mptable
      Dump MP table showing CPUs BIOS knows about.

-r   --registers
      Show register values from all possible cpuid calls.

-s   --show-bluesmoke
      Show machine check exception information.

-v   --verbose
      Show verbose descriptions.

AUTHOR

x86info was written by Dave Jones <davej@redhat.com>.

This manual page was written by Mark Brown <broonie@debian.org> for the **Debian GNU/Linux**
system (but may be used by others).

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