



SPEC CPU®2017 Floating Point Speed Result

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Lenovo Global Technology

ThinkSystem SD535 V3
(2.45 GHz, AMD EPYC 9534)

SPECSpeed®2017_fp_base = 295

SPECSpeed®2017_fp_peak = 298

CPU2017 License: 9017

Test Date: May-2024

Test Sponsor: Lenovo Global Technology

Hardware Availability: May-2024

Tested by: Lenovo Global Technology

Software Availability: Mar-2024

Platform Notes (Continued)

```
kernel.numa_balancing          0
kernel.randomize_va_space      0
vm.compaction_proactiveness   20
vm.dirty_background_bytes      0
vm.dirty_background_ratio      10
vm.dirty_bytes                 0
vm.dirty_expire_centisecs     3000
vm.dirty_ratio                 8
vm.dirty_writeback_centisecs   500
vm.dirtytime_expire_seconds    43200
vm.extfrag_threshold          500
vm.min_unmapped_ratio         1
vm.nr_hugepages                0
vm.nr_hugepages_mempolicy       0
vm.nr_overcommit_hugepages     0
vm.swappiness                   1
vm.watermark_boost_factor      15000
vm.watermark_scale_factor       10
vm.zone_reclaim_mode           1

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17. /sys/kernel/mm/transparent_hugepage
    defrag           [always] defer defer+madvise madvise never
    enabled          [always] madvise never
    hpage_pmd_size   2097152
    shmem_enabled    always within_size advise [never] deny force

-----
18. /sys/kernel/mm/transparent_hugepage/khugepaged
    alloc_sleep_millisecs   60000
    defrag                  1
    max_ptes_none            511
    max_ptes_shared           256
    max_ptes_swap              64
    pages_to_scan             4096
    scan_sleep_millisecs     10000

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19. OS release
    From /etc/*-release /etc/*-version
    os-release SUSE Linux Enterprise Server 15 SP5

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20. Disk information
    SPEC is set to: /home/cpu2017-1.1.9-amd-aocc400-znver4-A1.2
    Filesystem  Type  Size  Used  Avail Use% Mounted on
    /dev/sda3     xfs  890G  28G  863G   4% /

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21. /sys/devices/virtual/dmi/id
    Vendor:          Lenovo
    Product:         ThinkSystem SD535V3 MB
    Product Family:  ThinkSystem
    Serial:          1234567890

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22. dmidecode
    Additional information from dmidecode 3.4 follows. WARNING: Use caution when you interpret this section.
    The 'dmidecode' program reads system data which is "intended to allow hardware to be accurately
    determined", but the intent may not be met, as there are frequent changes to hardware, firmware, and the
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