



SPEC CPU®2017 Integer Rate Result

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Hewlett Packard Enterprise

(Test Sponsor: HPE)

ProLiant DL380 Gen11
(1.90 GHz, Intel Xeon Platinum 8592+)

SPECrate®2017_int_base = 1090

SPECrate®2017_int_peak = 1120

CPU2017 License: 3

Test Sponsor: HPE

Tested by: HPE

Test Date: Jan-2024

Hardware Availability: Feb-2024

Software Availability: Dec-2023

Platform Notes (Continued)

```
exchange-bmc-os-info firewalld gpm grub2-once haveged haveged-switch-root
hwloc-dump-hwdata ipmi ipmievrd issue-add-ssh-keys kexec-load lunmask man-db-create
multipathd nfs nfs-blkmap nmb openvpn@ ostree-remount rpcbind rpmconfigcheck rsyncd
rtkit-daemon serial-getty@ smartd_generate_opts smb snmpd snmptrapd speech-dispatcherd
systemd-boot-check-no-failures systemd-network-generator systemd-sysext
systemd-time-wait-sync systemd-timesyncd udisks2 update-system-flatpaks upower vncserver@
wpa_supplicant@

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13. Linux kernel boot-time arguments, from /proc/cmdline
BOOT_IMAGE=/boot/vmlinuz-5.14.21-150500.53-default
root=UUID=da74e710-a3db-4f33-9e12-6a2e672dd5ee
splash=silent
resume=/dev/disk/by-uuid/ef943a7c-3213-42e5-81d6-d2759bb8ad29
mitigations=auto
quiet
security=apparmor

-----
14. cpupower frequency-info
analyzing CPU 0:
  Unable to determine current policy
    boost state support:
      Supported: yes
      Active: yes

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15. sysctl
kernel.numa_balancing          1
kernel.randomize_va_space       2
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                 20
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                   60
vm.watermark_boost_factor      15000
vm.watermark_scale_factor       10
vm.zone_reclaim_mode            0

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16. /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

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17. /sys/kernel/mm/transparent_hugepage/khugepaged
alloc_sleep_millisecs 60000
defrag          1
```

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