

.....	3
<i>hdparm</i>	3
<i>dd</i>	3
.....	3

Last
update: - https://atl.kr/dokuwiki/doku.php/%EB%94%94%EC%8A%A4%ED%81%AC_%EC%84%B1%EB%8A%A5_%ED%99%95%EC%9D%B8
2021/12/20 -
12:48 -

hdparm

hdparm

```
hdparm --direct -t -T /dev/sdX .
```


Samsung SSD 750 EVO 500GB (S36SNWAH582670L)

```
# hdparm --direct -t -T /dev/sde
```

/dev/sde:

Timing 0_DIRECT cached reads: 984 MB in 2.00 seconds = 491.87 MB/sec
Timing 0_DIRECT disk reads: 1470 MB in 3.00 seconds = 489.76 MB/sec

dd

convert and copy a file
dd

- if=:/dev/zero /dev/random
 - of=test.file
 - bs= : . k, M, G
 - count= : . bs=2M count=10 2MB*10 = 20MB
 - oflag=dsync : dsync(I/O).

```
# dd if=/dev/zero of=test.file bs=64M count=16 oflag=dsync
16+0 records in
16+0 records out
1073741824 bytes (1.1 GB, 1.0 GiB) copied, 4.45435 s, 241 MB/s
```

- dd man pages

- [https://linuxreviews.org/HOWTO Test Disk I/O Performance](https://linuxreviews.org/HOWTO_Test_Disk_I/O_Performance)

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2021/12/20
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Last update: **2021/12/20 12:48**

