

Mango-IMX6Q SDXC 64GB

테스트

<http://www.mangoboard.com/>

<http://cafe.naver.com/embeddedcrazyboys>

Crazy Embedded Laboratory

Document History

Revision	Date	Change note
Init	2016-08-04	전종인

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1. Micro SDXC 64GB 테스트

SANDISK SDXC 64GB 와 SAMSUNG SDXC 64GB Micro SD 카드 테스트

이미지를 Write하여 부팅까지는 확인 함.

```
# cat /sys/kernel/debug/mmc3/ios
clock:          50000000 Hz
actual clock:   49500000 Hz
vdd:           21 (3.3 ~ 3.4 V)
bus mode:       2 (push-pull)
chip select:    0 (don't care)
power mode:     2 (on)
bus width:      2 (4 bits)
timing spec:    2 (sd high-speed)
signal voltage: 0 (3.30 V)
```

```
Read 속도 : (524 MB) copied, 0.878213 s, 597 MB/s
Write 속도 : (419 MB) copied, 32.4127 s, 12.9 MB/s
```

1.1. Write 속도

```
dd if=/dev/zero of=/dev/mmcblk3p1 bs=4096 count=100K
102400+0 records in
102400+0 records out
419430400 bytes (419 MB) copied, 32.4127 s, 12.9 MB/s
```

1.2. Read 속도

```
root@imx6qsabresd:~# dd if=/dev/mmcblk3p1 of=/dev/zero bs=4096 count=100K
102400+0 records in
102400+0 records out
419430400 bytes (419 MB) copied, 0.690988 s, 607 MB/s
root@imx6qsabresd:~# dd if=/dev/mmcblk3p1 of=/dev/zero bs=4096 count=200K
```

128000+0 records in
128000+0 records out
524288000 bytes (524 MB) copied, 0.878213 s, 597 MB/s