

exFAT

2018 10 16

Mac

NTFS Mac

NTFS

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exFAT

Mac

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Linux

ext4 OSX

HFS + Windows

NT

NTFS

Windows

Mac

Windows

Windows

- FAT32
- NTFS
- exFAT

Windows

Image not found or type unknown



FAT32 32 - 1 4GB 32 8TB 2

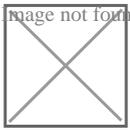
NTFS Windows FAT32 Windows

exFAT FAT32 exFAT extended " FAT32" NTFS 128PB Ma

exFAT

Windows

Image not found or type unknown



Mac

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OK Linux exFAT Ubuntu Debian

```
$ sudo apt-get install exfat-utils exfat-fuse
```

Linux exFAT

Linux exFAT

Linux

```
$ sudo fdisk -l
```

```
/dev/sdX1 | /dev/sdc1 | sdX1 | sd | xSATA1 | a b c
```

```
$ sudo mkfs.exfat /dev/sdX1
```

```
/dev/sdX
```

```
exFAT
```

```
partition
```

```
100 GB
```

```
NTFS
```

```
exFA
```

```
MB | gdisk | T
```

```
GPT
```

```
$ sudo gdisk /dev/sdX  
GPT fdisk (gdisk) version 0.8.8
```

```
Partition table scan:
```

```
MBR: not present
```

```
BSD: not present
```

```
APM: not present
```

```
GPT: not present
```

```
Creating new GPT entries.
```

```
Command (? for help):
```

```
/dev/sdX
```

```
o | GPT
```

```
Command (? for help): o  
This option deletes all partitions and creates a new protective MBR.  
Proceed? (Y/N): Y
```

n

```
Command (? for help): n
Partition number (1-128, default 1):
First sector (34-16326462, default = 2048) or {+}size{KMGTP}:
Last sector (2048-16326462, default = 16326462) or {+}size{KMGTP}:
Current type is 'Linux filesystem'
Hex code or GUID (L to show codes, Enter = 8300): 0700
Changed type of partition to 'Microsoft basic data'
```

```
Partition number | 1 | 0700 | exFAT
```

w

```
Command (? for help): w

Final checks complete. About to write GPT data. THIS WILL OVERWRITE EXISTING
PARTITIONS!!

Do you want to proceed? (Y/N): Y
OK; writing new GUID partition table (GPT) to /dev/sdX.
Warning: The kernel is still using the old partition table.
The new table will be used at the next reboot.
The operation has completed successfully.
```

exFAT

```
$ sudo mkfs.exfat /dev/sdX1
mkexfatfs 1.0.1
Creating... done.
Flushing... done.
File system created successfully.
```

- [Formatting a Universal Drive](#)
- [What's the Difference Between FAT32, exFAT, and NTFS?](#)
- [How to Mount and Use an exFAT Drive on Linux](#)

Revision #2

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