

# PS4 System Information Report

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## Storage Options

- HDD (Standard)
- SSD (Not Officially Supported)
- External storage is also available

## Hard Drive Information

- The standard PS4 has a 500GB, 5400 RPM, SATA II HDD (Default)
- The PS4 Pro has a 1TB version (Default)

## Types of Data Stored

- Games
- Applications
- Video
- Images

## File Structure

- Partition Format: UFS
- Capacity 500GB - 12TB
- File Systems Supported: FAT32, exFAT

## Firmware information:

- Name: ORBIS OS
- Based on: FreeBSD 9.0
- Platform: 64 bits (x86\_64)

## Obtaining Data

- All data is encrypted, making it nearly impossible to obtain any data through external means
- The most common method attempted is to record running the PS4 as usual and looking for data that way, but this doesn't often yield results
- Not much info is known about the PS4's file system layout as the user is sandboxed into their own partition

## Partition Format

No	Device File	Z5K500 size	ST500LM012 size	in bytes	type	remarks
1	/dev/sdc17	1 GiB	1 GiB	1,073,741,824	80dd49e3-a985-4887-81de-1daca47aed90	
2	/dev/sdc31	16 GiB	16 GiB	17,179,869,184	3ef7290a-de81-4887-a11f-46fba765c71c	
3	/dev/sdc27	420.12 GiB	420.120117188 GiB	451,100,540,928	c638477a-e002-4b57-a454-a27fb63a33a8	user
4	/dev/sdc13	8 GiB	8 GiB	8,589,934,592	76a9a5b4-44b0-472a-bde3-3107472adee2	
5	/dev/sdc9	1 GiB	1 GiB	1,073,741,824	757a614b-6179-5361-6b61-6b6968617261	
6	/dev/sdc10	1 GiB	1 GiB	1,073,741,824	757a614b-6179-5361-6b61-6b6968617261	
7	/dev/sdc11	1 GiB	1 GiB	1,073,741,824	dc85025f-a694-4109-be44-fa0c063e8b81	
8	/dev/sdc12	1 GiB	1 GiB	1,073,741,824	dc85025f-a694-4109-be44-fa0c063e8b81	
9	/dev/sdc19	8 GiB	8 GiB	8,589,924,592	a71ff62d-1421-4dd9-935d-25dabd81bec5	
A	/dev/sdc1	512 MiB	512 MiB	536,780,912	17800f17-b9e1-425d-b937-0119a0813172	
B	/dev/sdc3	1 GiB	1 GiB	1,073,741,824	ccb52e94-ebef-48c4-a195-9e2da5b0292c	
C	/dev/sdc5	16 MiB	16 MiB	16,777,216	145268bf-63ad-47c1-9378-9aacd9beed7c	
D	/dev/sdc7	128 MiB	128 MiB	134,217,728	6e0c5310-8445-4066-b571-9b65fdb75935	eap_vsh
E	/dev/sdc29	1 GiB	1 GiB	1,073,741,824	21e4dfb4-0040-4934-a037-ea9dc058eea6	

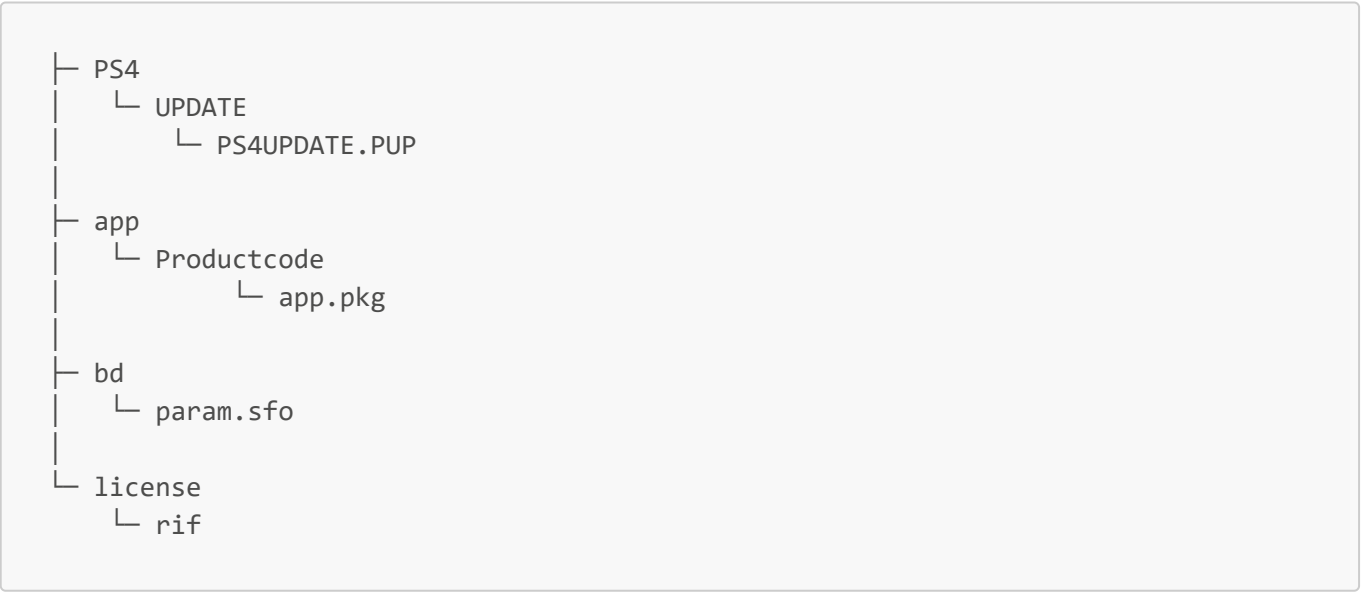
No	Device File	Z5K500 size	ST500LM012 size	in bytes	type	remarks
F	/dev/sdc25	6 GiB	6 GiB	6,442,450,944	fdb5ede1-73c3-4c43-8c5b-2d3dcfcddff8	update

RAM Configuration

	Value
Total Size:	8GB
Addressability:	unified
Configuration / Bus-width:	?x?=256bit
Channels:	8x32bit
Module Type:	GDDR5
Speed (effective):	5500
Cache:	N/A
Bandwidth (Gbit/s):	176
System Reserved / Application+Game Free (GB) / Flexible Memory:	2.5 / 4.5 / 1

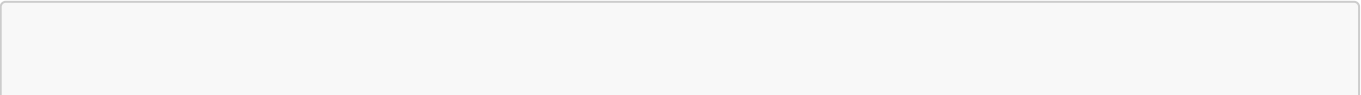
Blu-Ray Disks

File Structure:



External Storage

External File Structure



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|---*:\Root On Mass Storage
|---PS4
|   |---SAVEDATA (Save Games)
|   |   |---0000000000000000 (default folder)
|   |   |   |---CUSA00001 (Save Game Folder)
|   |   |   |   |---savedata
|   |   |   |   |---savedata.bin
|   |---UPDATE (PS4UPDATE.PUP System Firmware file)
|   |---EXPORT
|   |   |---BACKUP
|   |   |   |---201504261757_00 (The folder with the backup chunks of
|   |   |   |the HDD, contains the date, the time and the backup number)
|   |   |       |---archive.dat (4,194,240 KB)
|   |   |       |---archive0001.dat (4,194,240 KB)
|   |   |       |---archive0002.dat (4,194,240 KB)
|   |   |       |---archive0003.dat (4,194,240 KB)
|   |   |       |---archive0004.dat (4,194,240 KB)
|   |   |       |---archive0005.dat (4,194,240 KB)
|   |---SHARE (Share recorded Exports)
|   |   |---Screenshots
|   |   |   |---(Name Of Game)
|   |   |   |   |---nameofgame.jpg
|   |   |   |---Other
|   |   |---Video Clips
|   |   |   |---(Name Of Game)
|   |   |   |   |---nameofgame.mp4
|   |---SHAREFACTORY (PS4 Movie Making Application)
|   |   |---MUSIC
|   |---(NAMEOFGAME) (Similar to SHAREFACTORY's folder)
|   |   |---image.png
|   |   |---image.jpg
|   |   |---music.mp3 *?
|   |---Music
|   |   |---music.mp3 (Audio media can be played from a USB stick
|   |   |device, if these files are placed into a folder called "music"
|   |   |---music.mp4 - Supported codec : AAC (2channel) and MP3 (2
|   |   |channel)
|   |   |---music.m4a - Sampling Frequency: 22.05kHz、24kHz; 32kHz、
|   |   |44.1kHz、48kHz; 96kHz
|   |   |---music.3gp - Playlist: .m3u, m3u8
|   |)
|   |---[MUSIC/PICTURE/VIDEO] *?

```

## Citations

- [PS4 Dev Wiki](#)