

USB Drives: How Big is a Gig?



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Memory Size	Word Document*	PDF Document*	Photos*	PowerPoint*	Full Length Movie*	Songs*
128MB	2,304	384	76	357	n/a	28
256 MB	4,718	786	153	715	n/a	57
512 MB	9,437	1,573	307	1,430	n/a	115
1 GB	18,874	3,146	614	2,860	n/a	230
2 GB	37,749	6,291	1,229	5,719	1	460
4 GB	75,497	12,583	2,457	11,439	2	921
8 GB	150,995	25,166	4,915	22,878	5	1,843
16 GB	301,990	50,331	9,830	45,756	10	3,686
32 GB	603,980	100,663	19,661	91,512	21	7,372
64 GB	1,207,959	201,326	39,321	183,024	42	14,745

- * Word Document based on an average file size of 50kb
- * PDF Doc based on an average file size of 300kb
- * Photos based on an average file size of 1.5MB
- * PowerPoint based on an average file size of 330kb (10 slides)
- * Movies based on an average file size of 1.5GB for 1 movie
- * Songs based on an average file size of 4MB per 1 song

***NOTE:** USB drive memory capacity is never 100% of stated capacity. Most USB drive capacity ranges from 90 - 98% useable memory. (i.e.- a 1GB drive holds roughly 800MB)

*All statistics are estimates and will vary depending on exact file size and/or combination with other files.

Memory Size Fun Facts:

- The entire human genome consists of a mere 0.791175GB of data.
- 1 Terabyte (1,024 Gigabytes) equates to roughly 50,000 trees when used to store electronic documents. So think about it... with a 1GB USB drive you can save roughly 50 trees with a single data-load. And remember: USB flash memory is re-useable. Multiply those 50 trees by the number of times you re-use the drive and you could be saving a forest.
- 1GB holds roughly 230 songs (at 128kbps). That's roughly 16 hours of music and 20 albums.
- The average 2 hour movie is 1.5GB. That's two feature length films on a 4GB with memory to spare.
- War and Peace is 1.7MB in digital form. That means you could store over 542 copies on a 1GB drive.
- A 1GB drive can hold an estimated 595 photos (with a 5 megapixel camera at standard resolution settings). The average photo album holds 200 photos. That means you could fit 3 photo albums on just one drive. Create a slideshow, add music and voila!
- Catalogs are costly to produce, hard to ship and can take up valuable desk and storage space. Hand out your catalog on a USB flash drive and you've saved time, labor and the environment. Our catalogs are 5MB. You could preload roughly 180 of them on a 1GB flash drive
- An average 10 slide PowerPoint presentations is less than 1MB in size (330kb). You could fit over 2,800 PPT files on a 1GB USB drive.
- The average 2 minute video on YouTube is approximately 4MB. With a 1GB flash drive you could hold over 230 of them... that's over 7 hours of video content.
- When used to store 'text-only' electronic documents, a 1GB drive can store 1,000's of files in a single data preload. And remember, USB flash memory is re-useable. Copy, delete and repeat.