

	NTFS	exFAT	FAT32	FAT16
Max Volume Size	16 EB (An Exabyte is equal to 1,024 TB)	128 PB	2TB	4 GB
Max File Size	16 TB minus 64 KB (Files cannot larger than the drive and the partition)	16 EB	4 GB	2 GB
Max File Name Length	Up to 255 (including a filename extension). No distinction is made between upper and lower case.	Upto 255	Upto 255	Standard- 8.3 (8 characters for a base file name and 3 characters for the extension). Extended- up to 255
Naming Convention	A file name can include any character except for ? " / \ < > * :	A file name can include any character except for ? " / \ < > * :	A file name can include any character except for ? " / \ < > * :	A file name can include any character except for ? " / \ < > * :
Application	NTFS is best for use on a drive or a partition of about 400 MB or more. The amount of space overhead is in the form of NTFS system files that typically use at least 4MB of drive space on a 100MB partition.	Windows XP supports exFAT by installing update KB955704. Relevant packages are needed for Linux OS to support exFAT. Mac OS X 10.6.5 or later can support exFAT.	Windows XP can support FAT32 volumes larger than 32 GB, but you cannot create a FAT32 volume larger than 32 GB by using the Format tool during Setup. If you need to format a volume that is larger than 32 GB, use the NTFS file system to format it.	FAT16 is best for small partitions. If a drive or a partition is larger than 200 MB, it is recommended not to use FAT file system. This is because performance with FAT will quickly decrease as the size of the volume increases. The maximum number of files in a folder is 65,517, and its root folders in a drive can hold up to 255 files.

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