

File Capacity for MP3 Players

The file size for each MP3 file is different, and depends primarily on two factors. The chart below will help you estimate the number of MP3 music files you can store on audio players equipped with different storage capacities.

Song Length: Longer song results in a larger file

Compression Level: MP3 files can be created at various bit rates (in Kbps). The higher the bit rate, the higher the quality. This results in a larger file; the opposite is also true.

	4 minute song compressed at 190 Kbps	4 minute song compressed at 128 Kbps	4 minute song compressed at 64 Kbps
Capacity	Number of songs	Number of songs	Number of songs
64MB	11	16	33
128MB	23	33	66
256MB	45	66	132
512MB	91	132	264
1GB	182	264	528
20GB	3570	5000	10000