

Standard Floppy Disk Formats Supported by MS-DOS

			1	2	3	4	5	6	7	8	9	10	11	
	Disk size	inch	3,5	3,5	3,5	5,25	5,25	5,25	5,25	5,25	8	8	8	
	Media descriptor		F0h	F0h	F9h	F9h	FDh	FFh	FCh	FEh	FEh	FDh	FEh	
	Formatted capacity	kByte	2.880	1.440	720	1.200	360	320	180	160	250	500	1.232	
	Type		DS	DS	DS	DS	DS	DS	SS	SS	SS	DS	DS	
	Media type		ED	HD	DD	HD	DD	DD	DD	DD	SD	SD	DD	
	Encoding		MFM	MFM	MFM	MFM	MFM	MFM	MFM	MFM	FM	FM	MFM	
	Tracks/inch	tpi	135	135	135	96	48	48	48	48	48	48	48	
	Sector/track		36	18	9	15	9	8	9	8	26	26	8	
	Byte/sector		512	512	512	512	512	512	512	512	128	128	1.024	
A	Sides		2	2	2	2	2	2	1	1	1	2	2	
B	Revolutions/minute	rpm	300	300	300	360	300	300	300	300	360	360	360	
C	Revolutions/second	rps	5	5	5	6	5	5	5	5	6	6	6	[B] ÷ 60
D	Tracks/side		80	80	80	80	40	40	40	40	77	77	77	
E	Tracks/floppy		160	160	160	160	80	80	40	40	77	154	154	[A] x [D]
F	Data rate	kBit/s	1.000	500	250	500	250	250	250	250	250	250	500	
G	kBit/track		200	100	50	83,3	50	50	50	50	41,7	41,7	83,3	[F] ÷ [C]
H	Unformatted capacity	kBit	32.000	16.000	8.000	13.333	4.000	4.000	2.000	2.000	3.208	6.417	12.833	[E] x [G]
I	Unformatted capacity	kByte	4.000	2.000	1.000	1.667	500	500	250	250	401	802	1.604	[H] ÷ 8
	Clock rate	kHz	?	?	?	500	250	250	250	250	500	500	500	
	Coercivity	Oe	750	720	600	600	300	300	300	300	?	?	?	
	Media formulation		Ba	Co	Co	Co	Fe	Fe	Fe	Fe	Fe	Fe	Fe	
	Thickness	μ	100	40	70	50	100	100	100	100	?	?	?	
	Recording polarity		vert.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.	horiz.	
	Sectors/Cluster		2	1	2	1	2	2	1	1	4	4	1	
	FAT length	sectors	9	9	3	7	2	1	2	1	6	6	2	
	FATs		2	2	2	2	2	2	2	2	2	2	2	
	Root dir. length	sectors	15	14	7	14	7	7	4	4	?	?	?	
	max root entries		240	224	112	224	112	112	64	64	68	68	192	
	Total sectors/disk		5.760	2.880	1.440	2.400	720	640	360	320	2.002	4.004	1.232	
	Total avail. sectors		5.726	2.847	1.426	2.371	708	630	351	313	?	?	?	
	Total avail. clusters		2.863	2.874	713	2.371	354	315	351	313	?	?	?	

Source: Microsoft Knowledge Base Article Q75131 et al.

-/- non-existent

? unknown

Data Rate = Data Transfer Rate

No. 9 - 11 (8"): not supported by IBM PC, XT, AT or compatible computers

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