

Directory Entry Layout.

Offset	Length	Field
00h	8	Filename padded with spaces.
08h	3	Filename extension padded with spaces .
0Bh	1	File Attribute Byte
0Ch	10	Reserved or extra data
16h	2	Time of last write to file (last modified or when created).
18h	2	Date of last write to file (last modified or when created).
1Ah	2	Starting cluster.
1Ch	4	File size (set to zero if a directory).

File Attribute Byte

Bit	7-6	5	4	3	2	1	0
Set if:	These are reserved, set to 0.	Archive	Directory	Volume Label	System	Hidden	Read Only

Date Format.

Bits	15-9	8-5	4-0
Give:	Years since 1980. Valid from 0-127 inclusive (1980-2107).	Month of year. Valid from 1-12 inclusive(1=Jan).	Day of the month. Valid from 1-31 inclusive.

Time Format.

Bits	15-11	10-5	4-0
Give:	Hours. Valid from 0-23 inclusive.	Minutes. Valid from 0-59 inclusive.	Seconds/2. Valid from 0-29 inclusive (0-58)