BINARY NOTATION CHEAT SHEET

The 8-Bit Place Values

2â□·**128**
2â□¶**64**
2â□µ**32**
2â□´**16**
2Â³**8**
2Â²**4**
2Â¹**2**
2â□°**1**

Quick Rule: To find a number, add up the values where the bit is "1". Keep "0" for values you don't need.

DECIMAL	BINARY (8-BIT)	CALCULATION
0	00000000	All Off
1	00000001	1
2	00000010	2
5	00000101	4 + 1
10	00001010	8 + 2
25	00011001	16 + 8 + 1
50	00110010	32 + 16 + 2

DECIMAL	BINARY (8-BIT)	CALCULATION
100	01100100	64 + 32 + 4
255	11111111	128+64+32+16+8+4+2+1

Base-2 Number System Reference Page