

binary octal decimal hexadecimal 2-8-10-1b 塵+小 不区分正领 2: (0000/010)2 8: (6777)8 计算机8进制以O开头 (18), BAER 计算机 IB进制以 OX开头 16: (0xfff) 16 029 (011 1213 14 15 abcdef  $2 \rightarrow 10$  \( \begin{aligned}
\left( \begin{aligned}
\text{(10 \text{(0)}} \gamma & 0 \text{x2'} + 1 \text{x2'} + 0 \text{x2'} \right. \\
\end{aligned}
\] (1010 = 0x10°+1x10'+0x02+1x0) = 1010) いつと整 (1111)2= (15)10 5->101, L0.101)2  $= \frac{(0.100)^{2}}{4(1\times2^{-1}+0\times2^{-2}+1\times2^{-3})^{10}} = \frac{(0.625)_{10}}{(0.625)_{10}} = \frac{(0.001)^{2}}{2} = \frac{(0.125)_{10}}{2}$  $\begin{array}{c|c} x & 2 & (0.001)_2 \\ \hline & \sqrt{0.250} & 0 & 6 \\ \hline & x & 2 & \end{array}$ 0,625 10 -> 21/-

 $(|11|)_2 = (8+4+2+1)_{10} = (|5)_{10} = (F)_{10} (0 \times 0 f)_{10}$ 

$$(0.1)$$
  $(0.1)$   $(0.1)$   $(0.1)$   $(0.1)$   $(0.1)$   $(0.1)$   $(0.1)$   $(0.1)$   $(0.1)$ 

は制度成 10 油制: 整 (101) 
$$a = 1 \times a + 1 \times a + 1 \times a$$
 (101)  $a = 1 \times a + 1 \times a + 1 \times a$  (0.1013)  $a = 1 \times a + 1 \times a + 1 \times a$  (0.1013)  $a = 1 \times a + 1 \times a + 1 \times a$  (0.1013)  $a = 1 \times a + 1 \times a + 1 \times a + 1 \times a$  (0.1013)  $a = 1 \times a + 1 \times$ 

8,9 5 4 bits MM (716 进制数 = 472 进制位 = 46 its 1个字节 = 8 bits = 2个16进制数 | 个字表示最大的带符号 + 进制数是 127.  $-28 \times 28$   $-127 \times (28)$   $-127 \times (28)$   $-127 \times (28)$   $-127 \times (256)_{10} = (100)_{10}$ 0~25h

一个8世制数

5 3 bits

一个2进制数

占 1 bit

- 个10进制数

ク以下占3 bits

一个占进制数

5 4 bits

<sup>1</sup> bytes 字节= 8 bits 位 1 kilobit Kb = 1024 bits, 1 megabit Mb = 1024 Kb, 1 gigabit Gb = 1024 Mb, 1 terabit Tb = 1024 Gb

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