

All units in data storage

Edit any value and every other unit updates instantly.

DECIMAL (SI) · 12 units		▲
kilobit kbit		0.008000
megabit Mbit		0.000008000
gigabit Gbit		0.000000008000
terabit Tbit		0.000000000008000
petabit Pbit		0.000000000000008000
exabit Ebit		0.00000000000000008000
kilobyte kB		0.001000
megabyte MB		0.000001000
gigabyte GB		0.000000001000
terabyte TB		0.000000000001000
petabyte PB		0.000000000000001000
exabyte EB		0.00000000000000001000
BINARY (IEC) · 14 units		▲
bit bit	TO UNIT	8.000
byte B	FROM	1.000
kibibit Kibit		0.007813

mebibit Mibit	0.000007629
gibibit Gibit	0.000000007451
tebibit Tibit	0.000000000007276
pebibit Pibit	0.00000000000007105
exbibit Eibit	0.0000000000000006939
kibibyte KiB	0.0009766
mebibyte MiB	0.0000009537
gibibyte GiB	0.000000009313
tebibyte TiB	0.000000000009095
pebibyte PiB	0.00000000000008882
exbibyte EiB	0.0000000000000008674

Conversion table from byte to kilobyte

BYTE	KILOBYTE
0	0
1.000	0.001000
2.000	0.002000
3.000	0.003000
4.000	0.004000
5.000	0.005000
6.000	0.006000
7.000	0.007000
8.000	0.008000
9.000	0.009000
10.00	0.01000
11.00	0.01100
12.00	0.01200
13.00	0.01300
14.00	0.01400
15.00	0.01500
16.00	0.01600
17.00	0.01700
18.00	0.01800
19.00	0.01900
20.00	0.02000
21.00	0.02100

BYTE	KILOBYTE
22.00	0.02200
23.00	0.02300
24.00	0.02400
25.00	0.02500
26.00	0.02600
27.00	0.02700
28.00	0.02800
29.00	0.02900

Conversion table from byte to gigabyte

BYTE	GIGABYTE
0	0
1.000	0.000000001000
2.000	0.000000002000
3.000	0.000000003000
4.000	0.000000004000
5.000	0.000000005000
6.000	0.000000006000
7.000	0.000000007000
8.000	0.000000008000
9.000	0.000000009000
10.00	0.00000001000
11.00	0.00000001100
12.00	0.00000001200
13.00	0.00000001300
14.00	0.00000001400
15.00	0.00000001500
16.00	0.00000001600
17.00	0.00000001700
18.00	0.00000001800
19.00	0.00000001900
20.00	0.00000002000
21.00	0.00000002100

BYTE	GIGABYTE
22.00	0.00000002200
23.00	0.00000002300
24.00	0.00000002400
25.00	0.00000002500
26.00	0.00000002600
27.00	0.00000002700
28.00	0.00000002800
29.00	0.00000002900