

All units in data storage

Edit any value and every other unit updates instantly.

DECIMAL (SI) · 12 units		▲
kilobit kbit	FROM	1.000
megabit Mbit		0.001000
gigabit Gbit		0.000001000
terabit Tbit		0.000000001000
petabit Pbit		0.000000000001000
exabit Ebit		0.000000000000001000
kilobyte kB		0.1250
megabyte MB		0.0001250
gigabyte GB		0.0000001250
terabyte TB		0.0000000001250
petabyte PB		0.0000000000001250
exabyte EB		0.0000000000000001250
BINARY (IEC) · 14 units		▲
bit bit	TO UNIT	1 000
byte B		125.0
kibibit Kibit		0.9766

mebibit Mibit	0.0009537
gibibit Gibit	0.0000009313
tebibit Tibit	0.0000000009095
pebibit Pibit	0.0000000000008882
exbibit Eibit	0.0000000000000008674
kibibyte KiB	0.1221
mebibyte MiB	0.0001192
gibibyte GiB	0.0000001164
tebibyte TiB	0.0000000001137
pebibyte PiB	0.0000000000001110
exbibyte EiB	0.0000000000000001084

Conversion table from kilobit to byte

KILOBIT	BYTE
0	0
1.000	125.0
2.000	250.0
3.000	375.0
4.000	500.0
5.000	625.0
6.000	750.0
7.000	875.0
8.000	1 000
9.000	1 125
KILOBIT	BYTE
10.00	1 250
11.00	1 375
12.00	1 500
13.00	1 625
14.00	1 750
15.00	1 875
16.00	2 000
17.00	2 125
18.00	2 250
19.00	2 375

KILOBIT	BYTE
20.00	2 500
21.00	2 625
22.00	2 750
23.00	2 875
24.00	3 000
25.00	3 125
26.00	3 250
27.00	3 375
28.00	3 500
29.00	3 625

Conversion table from kilobit to kilobyte

KILOBIT	KILOBYTE
0	0
1.000	0.1250
2.000	0.2500
3.000	0.3750
4.000	0.5000
5.000	0.6250
6.000	0.7500
7.000	0.8750
8.000	1.000
9.000	1.125
KILOBIT	KILOBYTE
10.00	1.250
11.00	1.375
12.00	1.500
13.00	1.625
14.00	1.750
15.00	1.875
16.00	2.000
17.00	2.125
18.00	2.250
19.00	2.375

KILOBIT

KILOBYTE

20.00	2.500
21.00	2.625
22.00	2.750
23.00	2.875
24.00	3.000
25.00	3.125
26.00	3.250
27.00	3.375
28.00	3.500
29.00	3.625

Conversion table from kilobit to gigabyte

KILOBIT	GIGABYTE
0	0
1.000	0.0000001250
2.000	0.0000002500
3.000	0.0000003750
4.000	0.0000005000
5.000	0.0000006250
6.000	0.0000007500
7.000	0.0000008750
8.000	0.000001000
9.000	0.000001125
KILOBIT	GIGABYTE
10.00	0.000001250
11.00	0.000001375
12.00	0.000001500
13.00	0.000001625
14.00	0.000001750
15.00	0.000001875
16.00	0.000002000
17.00	0.000002125
18.00	0.000002250
19.00	0.000002375

KILOBIT	GIGABYTE
20.00	0.000002500
21.00	0.000002625
22.00	0.000002750
23.00	0.000002875
24.00	0.000003000
25.00	0.000003125
26.00	0.000003250
27.00	0.000003375
28.00	0.000003500
29.00	0.000003625