

All units in data storage

Edit any value and every other unit updates instantly.

DECIMAL (SI) · 12 units		▲
kilobit kbit		8.192
megabit Mbit		0.008192
gigabit Gbit		0.000008192
terabit Tbit		0.000000008192
petabit Pbit		0.000000000008192
exabit Ebit		0.000000000000008192
kilobyte kB		1.024
megabyte MB		0.001024
gigabyte GB		0.000001024
terabyte TB		0.000000001024
petabyte PB		0.000000000001024
exabyte EB		0.000000000000001024
BINARY (IEC) · 14 units		▲
bit bit	TO UNIT	8 192
byte B		1 024
kibibit Kibit		8.000
mebibit Mibit		0.007813

gibibit Gibit 0.000007629
tebibit Tibit 0.000000007451
pebibit Pibit 0.000000000007276
exbibit Eibit 0.000000000000007105
kibibyte KiB FROM 1.000
mebibyte MiB 0.0009766
gibibyte GiB 0.0000009537
tebibyte TiB 0.0000000009313
pebibyte PiB 0.0000000000009095
exbibyte EiB 0.0000000000000008882

Conversion table from kibibyte to byte

KIBIBYTE	BYTE
0	0
1.000	1 024
2.000	2 048
3.000	3 072
4.000	4 096
5.000	5 120
6.000	6 144
7.000	7 168
8.000	8 192
9.000	9 216
KIBIBYTE	BYTE
10.00	10 240
11.00	11 264
12.00	12 288
13.00	13 312
14.00	14 336
15.00	15 360
16.00	16 384
17.00	17 408
18.00	18 432
19.00	19 456

KIBIBYTE	BYTE
20.00	20 480
21.00	21 504
22.00	22 528
23.00	23 552
24.00	24 576
25.00	25 600
26.00	26 624
27.00	27 648
28.00	28 672
29.00	29 696

Conversion table from kibibyte to kilobyte

KIBIBYTE	KILOBYTE
0	0
1.000	1.024
2.000	2.048
3.000	3.072
4.000	4.096
5.000	5.120
6.000	6.144
7.000	7.168
8.000	8.192
9.000	9.216
KIBIBYTE	KILOBYTE
10.00	10.24
11.00	11.26
12.00	12.29
13.00	13.31
14.00	14.34
15.00	15.36
16.00	16.38
17.00	17.41
18.00	18.43
19.00	19.46

KIBIBYTE	KILOBYTE
20.00	20.48
21.00	21.50
22.00	22.53
23.00	23.55
24.00	24.58
25.00	25.60
26.00	26.62
27.00	27.65
28.00	28.67
29.00	29.70

Conversion table from kibibyte to gigabyte

KIBIBYTE	GIGABYTE
0	0
1.000	0.000001024
2.000	0.000002048
3.000	0.000003072
4.000	0.000004096
5.000	0.000005120
6.000	0.000006144
7.000	0.000007168
8.000	0.000008192
9.000	0.000009216
KIBIBYTE	GIGABYTE
10.00	0.00001024
11.00	0.00001126
12.00	0.00001229
13.00	0.00001331
14.00	0.00001434
15.00	0.00001536
16.00	0.00001638
17.00	0.00001741
18.00	0.00001843
19.00	0.00001946

KIBIBYTE	GIGABYTE
20.00	0.00002048
21.00	0.00002150
22.00	0.00002253
23.00	0.00002355
24.00	0.00002458
25.00	0.00002560
26.00	0.00002662
27.00	0.00002765
28.00	0.00002867
29.00	0.00002970