

All units in data storage

Edit any value and every other unit updates instantly.

DECIMAL (SI) · 12 units		▲
kilobit kbit		1 049
megabit Mbit		1.049
gigabit Gbit		0.001049
terabit Tbit		0.000001049
petabit Pbit		0.000000001049
exabit Ebit		0.000000000001049
kilobyte kB		131.1
megabyte MB		0.1311
gigabyte GB		0.0001311
terabyte TB		0.0000001311
petabyte PB		0.0000000001311
exabyte EB		0.0000000000001311
BINARY (IEC) · 14 units		▲
bit bit	TO UNIT	1 048 576
byte B		131 072
kibibit Kibit		1 024

mebibit Mibit	FROM	1.000
gibibit Gibit		0.0009766
tebibit Tibit		0.0000009537
pebibit Pibit		0.0000000009313
exbibit Eibit		0.0000000000009095
kibibyte KiB		128.0
mebibyte MiB		0.1250
gibibyte GiB		0.0001221
tebibyte TiB		0.0000001192
pebibyte PiB		0.0000000001164
exbibyte EiB		0.0000000000001137

Conversion table from mebibit to byte

MEBIBIT	BYTE
0	0
1.000	131 072
2.000	262 144
3.000	393 216
4.000	524 288
5.000	655 360
6.000	786 432
7.000	917 504
8.000	1 048 576
9.000	1 179 648
MEBIBIT	BYTE
10.00	1 310 720
11.00	1 441 792
12.00	1 572 864
13.00	1 703 936
14.00	1 835 008
15.00	1 966 080
16.00	2 097 152
17.00	2 228 224
18.00	2 359 296
19.00	2 490 368

MEBIBIT	BYTE
20.00	2 621 440
21.00	2 752 512
22.00	2 883 584
23.00	3 014 656
24.00	3 145 728
25.00	3 276 800
26.00	3 407 872
27.00	3 538 944
28.00	3 670 016
29.00	3 801 088

Conversion table from mebibit to kilobyte

MEBIBIT	KILOBYTE
0	0
1.000	131.1
2.000	262.1
3.000	393.2
4.000	524.3
5.000	655.4
6.000	786.4
7.000	917.5
8.000	1 049
9.000	1 180
MEBIBIT	KILOBYTE
10.00	1 311
11.00	1 442
12.00	1 573
13.00	1 704
14.00	1 835
15.00	1 966
16.00	2 097
17.00	2 228
18.00	2 359
19.00	2 490

MEBIBIT

KILOBYTE

20.00

2 621

21.00

2 753

22.00

2 884

23.00

3 015

24.00

3 146

25.00

3 277

26.00

3 408

27.00

3 539

28.00

3 670

29.00

3 801

Conversion table from mebibit to gigabyte

MEBIBIT	GIGABYTE
0	0
1.000	0.0001311
2.000	0.0002621
3.000	0.0003932
4.000	0.0005243
5.000	0.0006554
6.000	0.0007864
7.000	0.0009175
8.000	0.001049
9.000	0.001180
MEBIBIT	GIGABYTE
10.00	0.001311
11.00	0.001442
12.00	0.001573
13.00	0.001704
14.00	0.001835
15.00	0.001966
16.00	0.002097
17.00	0.002228
18.00	0.002359
19.00	0.002490

MEBIBIT	GIGABYTE
20.00	0.002621
21.00	0.002753
22.00	0.002884
23.00	0.003015
24.00	0.003146
25.00	0.003277
26.00	0.003408
27.00	0.003539
28.00	0.003670
29.00	0.003801