

All units in data storage

Edit any value and every other unit updates instantly.

DECIMAL (SI) · 12 units		▲
kilobit kbit		1 073 742
megabit Mbit		1 074
gigabit Gbit		1.074
terabit Tbit		0.001074
petabit Pbit		0.000001074
exabit Ebit		0.000000001074
kilobyte kB		134 218
megabyte MB	TO UNIT	134.2
gigabyte GB		0.1342
terabyte TB		0.0001342
petabyte PB		0.0000001342
exabyte EB		0.0000000001342
BINARY (IEC) · 14 units		▲
bit bit		1 073 741 824
byte B		134 217 728
kibibit Kibit		1 048 576
mebibit Mibit		1 024

gibibit Gibit FROM	1.000
tebibit Tibit	0.0009766
pebibit Pibit	0.0000009537
exbibit Eibit	0.0000000009313
kibibyte KiB	131 072
mebibyte MiB	128.0
gibibyte GiB	0.1250
tebibyte TiB	0.0001221
pebibyte PiB	0.0000001192
exbibyte EiB	0.0000000001164

Conversion table from gibibit to byte

GIBIBIT	BYTE
0	0
1.000	134 217 728
2.000	268 435 456
3.000	402 653 184
4.000	536 870 912
5.000	671 088 640
6.000	805 306 368
7.000	939 524 096
8.000	1 073 741 824
9.000	1 207 959 552
GIBIBIT	BYTE
10.00	1 342 177 280
11.00	1 476 395 008
12.00	1 610 612 736
13.00	1 744 830 464
14.00	1 879 048 192
15.00	2 013 265 920
16.00	2 147 483 648
17.00	2 281 701 376
18.00	2 415 919 104
19.00	2 550 136 832

GIBIBIT

BYTE

20.00	2 684 354 560
21.00	2 818 572 288
22.00	2 952 790 016
23.00	3 087 007 744
24.00	3 221 225 472
25.00	3 355 443 200
26.00	3 489 660 928
27.00	3 623 878 656
28.00	3 758 096 384
29.00	3 892 314 112

Conversion table from gibibit to kilobyte

GIBIBIT	KILOBYTE
0	0
1.000	134 218
2.000	268 435
3.000	402 653
4.000	536 871
5.000	671 089
6.000	805 306
7.000	939 524
8.000	1 073 742
9.000	1 207 960
GIBIBIT	KILOBYTE
10.00	1 342 177
11.00	1 476 395
12.00	1 610 613
13.00	1 744 830
14.00	1 879 048
15.00	2 013 266
16.00	2 147 484
17.00	2 281 701
18.00	2 415 919
19.00	2 550 137

GIBIBIT	KILOBYTE
20.00	2 684 355
21.00	2 818 572
22.00	2 952 790
23.00	3 087 008
24.00	3 221 225
25.00	3 355 443
26.00	3 489 661
27.00	3 623 879
28.00	3 758 096
29.00	3 892 314

Conversion table from gibibit to gigabyte

GIBIBIT	GIGABYTE
0	0
1.000	0.1342
2.000	0.2684
3.000	0.4027
4.000	0.5369
5.000	0.6711
6.000	0.8053
7.000	0.9395
8.000	1.074
9.000	1.208
GIBIBIT	GIGABYTE
10.00	1.342
11.00	1.476
12.00	1.611
13.00	1.745
14.00	1.879
15.00	2.013
16.00	2.147
17.00	2.282
18.00	2.416
19.00	2.550

GIBIBIT	GIGABYTE
20.00	2.684
21.00	2.819
22.00	2.953
23.00	3.087
24.00	3.221
25.00	3.355
26.00	3.490
27.00	3.624
28.00	3.758
29.00	3.892