

All units in data storage

Edit any value and every other unit updates instantly.

DECIMAL (SI) · 12 units		▲
kilobit kbit	1 099 511 628	
megabit Mbit	1 099 512	
gigabit Gbit	1 100	
terabit Tbit	1.100	
petabit Pbit	0.001100	
exabit Ebit	0.000001100	
kilobyte kB	137 438 953	
megabyte MB	137 439	
gigabyte GB	137.4	
terabyte TB	0.1374	
petabyte PB	0.0001374	
exabyte EB	0.0000001374	
BINARY (IEC) · 14 units		▲
bit bit TO UNIT	1 099 511 627 776	
byte B	137 438 953 472	
kibibit Kibit	1 073 741 824	
mebibit Mibit	1 048 576	

gibibit Gibit	1 024
tebibit Tibit FROM	1.000
pebibit Pibit	0.0009766
exbibit Eibit	0.0000009537
kibibyte KiB	134 217 728
mebibyte MiB	131 072
gibibyte GiB	128.0
tebibyte TiB	0.1250
pebibyte PiB	0.0001221
exbibyte EiB	0.0000001192

Conversion table from tebibit to byte

TEBIBIT	BYTE
0	0
1.000	137 438 953 472
2.000	274 877 906 944
3.000	412 316 860 416
4.000	549 755 813 888
5.000	687 194 767 360
6.000	824 633 720 832
7.000	962 072 674 304
8.000	1 099 511 627 776
9.000	1 236 950 581 248
TEBIBIT	BYTE
10.00	1 374 389 534 720
11.00	1 511 828 488 192
12.00	1 649 267 441 664
13.00	1 786 706 395 136
14.00	1 924 145 348 608
15.00	2 061 584 302 080
16.00	2 199 023 255 552
17.00	2 336 462 209 024
18.00	2 473 901 162 496
19.00	2 611 340 115 968

TEBIBIT

BYTE

20.00	2 748 779 069 440
21.00	2 886 218 022 912
22.00	3 023 656 976 384
23.00	3 161 095 929 856
24.00	3 298 534 883 328
25.00	3 435 973 836 800
26.00	3 573 412 790 272
27.00	3 710 851 743 744
28.00	3 848 290 697 216
29.00	3 985 729 650 688

Conversion table from tebibit to kilobyte

TEBIBIT	KILOBYTE
0	0
1.000	137 438 953
2.000	274 877 907
3.000	412 316 860
4.000	549 755 814
5.000	687 194 767
6.000	824 633 721
7.000	962 072 674
8.000	1 099 511 628
9.000	1 236 950 581
TEBIBIT	KILOBYTE
10.00	1 374 389 535
11.00	1 511 828 488
12.00	1 649 267 442
13.00	1 786 706 395
14.00	1 924 145 349
15.00	2 061 584 302
16.00	2 199 023 256
17.00	2 336 462 209
18.00	2 473 901 162
19.00	2 611 340 116

T E B I B I T

K I L O B Y T E

20.00	2 748 779 069
21.00	2 886 218 023
22.00	3 023 656 976
23.00	3 161 095 930
24.00	3 298 534 883
25.00	3 435 973 837
26.00	3 573 412 790
27.00	3 710 851 744
28.00	3 848 290 697
29.00	3 985 729 651

Conversion table from tebibit to gigabyte

TEBIBIT	GIGABYTE
0	0
1.000	137.4
2.000	274.9
3.000	412.3
4.000	549.8
5.000	687.2
6.000	824.6
7.000	962.1
8.000	1 100
9.000	1 237
TEBIBIT	GIGABYTE
10.00	1 374
11.00	1 512
12.00	1 649
13.00	1 787
14.00	1 924
15.00	2 062
16.00	2 199
17.00	2 336
18.00	2 474
19.00	2 611

TEBIBIT	GIGABYTE
20.00	2 749
21.00	2 886
22.00	3 024
23.00	3 161
24.00	3 299
25.00	3 436
26.00	3 573
27.00	3 711
28.00	3 848
29.00	3 986