

All units in data rate

Edit any value and every other unit updates instantly.

DECIMAL (SI) · 8 units		▲
gigabyte per second GB/s	TO UNIT	0.0000001280
gigabit per second Gbit/s		0.000001024
megabyte per second MB/s	i	0.0001280
megabit per second Mbit/s	i	0.001024
kilobyte per second kB/s		0.1280
kilobit per second kbit/s		1.024
byte per second B/s	i	128.0
bit per second bps	i	1 024
BINARY PREFIX · 3 units		▲
gibibit per second Gibit/s	i	0.0000009537
mebibit per second Mibit/s		0.0009766
kibibit per second Kibit/s	FROM	1.000

Conversion table from kibibit per second to megabyte per second

KIBIBIT PER SECOND	MEGABYTE PER SECOND
0	0
1.000	0.0001280
2.000	0.0002560
3.000	0.0003840
4.000	0.0005120
5.000	0.0006400
6.000	0.0007680
7.000	0.0008960
8.000	0.001024
9.000	0.001152
10.00	0.001280
11.00	0.001408
12.00	0.001536
13.00	0.001664
14.00	0.001792
15.00	0.001920
16.00	0.002048
17.00	0.002176
18.00	0.002304
19.00	0.002432
20.00	0.002560

KIBIBIT PER SECOND	MEGABYTE PER SECOND
21.00	0.002688
22.00	0.002816
23.00	0.002944
24.00	0.003072
25.00	0.003200
26.00	0.003328
27.00	0.003456
28.00	0.003584
29.00	0.003712

Conversion table from kibibit per second to gigabyte per second

KIBIBIT PER SECOND	GIGABYTE PER SECOND
0	0
1.000	0.0000001280
2.000	0.0000002560
3.000	0.0000003840
4.000	0.0000005120
5.000	0.0000006400
6.000	0.0000007680
7.000	0.0000008960
8.000	0.000001024
9.000	0.000001152
10.00	0.000001280
11.00	0.000001408
12.00	0.000001536
13.00	0.000001664
14.00	0.000001792
15.00	0.000001920
16.00	0.000002048
17.00	0.000002176
18.00	0.000002304
19.00	0.000002432
20.00	0.000002560

KIBIBIT PER SECOND	GIGABYTE PER SECOND
21.00	0.000002688
22.00	0.000002816
23.00	0.000002944
24.00	0.000003072
25.00	0.000003200
26.00	0.000003328
27.00	0.000003456
28.00	0.000003584
29.00	0.000003712