

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	0.000001000
gigabit per second	Gbit/s	0.000008000
megabyte per second	MB/s ⓘ	0.001000
megabit per second	Mbit/s ⓘ	0.008000
kilobyte per second	kB/s FROM	1.000
kilobit per second	kbit/s	8.000
byte per second	B/s ⓘ	1 000
bit per second	bps ⓘ	8 000
BINARY PREFIX · 3 units		▲
gibibit per second	Gibit/s ⓘ	0.000007451
mebibit per second	Mibit/s	0.007629
kibibit per second	Kibit/s	7.813

Conversion table from kilobyte per second to megabyte per second

KILOBYTE PER SECOND	MEGABYTE PER SECOND
0	0
1.000	0.001000
2.000	0.002000
3.000	0.003000
4.000	0.004000
5.000	0.005000
6.000	0.006000
7.000	0.007000
8.000	0.008000
9.000	0.009000
10.00	0.01000
11.00	0.01100
12.00	0.01200
13.00	0.01300
14.00	0.01400
15.00	0.01500
16.00	0.01600
17.00	0.01700
18.00	0.01800
19.00	0.01900
20.00	0.02000

KILOBYTE PER SECOND	MEGABYTE PER SECOND
21.00	0.02100
22.00	0.02200
23.00	0.02300
24.00	0.02400
25.00	0.02500
26.00	0.02600
27.00	0.02700
28.00	0.02800
29.00	0.02900

Conversion table from kilobyte per second to gigabyte per second

KILOBYTE PER SECOND	GIGABYTE PER SECOND
0	0
1.000	0.000001000
2.000	0.000002000
3.000	0.000003000
4.000	0.000004000
5.000	0.000005000
6.000	0.000006000
7.000	0.000007000
8.000	0.000008000
9.000	0.000009000
10.00	0.00001000
11.00	0.00001100
12.00	0.00001200
13.00	0.00001300
14.00	0.00001400
15.00	0.00001500
16.00	0.00001600
17.00	0.00001700
18.00	0.00001800
19.00	0.00001900
20.00	0.00002000

KILOBYTE PER SECOND	GIGABYTE PER SECOND
21.00	0.00002100
22.00	0.00002200
23.00	0.00002300
24.00	0.00002400
25.00	0.00002500
26.00	0.00002600
27.00	0.00002700
28.00	0.00002800
29.00	0.00002900