

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)	0.001000
gigabit per second	Gbit/s	0.008000
megabyte per second	MB/s (FROM) ⓘ	1.000
megabit per second	Mbit/s ⓘ	8.000
kilobyte per second	kB/s	1 000
kilobit per second	kbit/s	8 000
byte per second	B/s ⓘ	1 000 000
bit per second	bps ⓘ	8 000 000
BINARY PREFIX · 3 units		▲
gibibit per second	Gibit/s ⓘ	0.007451
mebibit per second	Mibit/s	7.629
kibibit per second	Kibit/s	7 813

Conversion table from megabyte per second to gigabyte per second

MEGABYTE PER SECOND	GIGABYTE 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

MEGABYTE PER SECOND	GIGABYTE 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