

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	0.0000000001250
gigabit per second	Gbit/s	0.000000001000
megabyte per second	MB/s ⓘ	0.0000001250
megabit per second	Mbit/s ⓘ	0.000001000
kilobyte per second	kB/s	0.0001250
kilobit per second	kbit/s	0.001000
byte per second	B/s ⓘ	0.1250
bit per second	bps FROM ⓘ	1.000
BINARY PREFIX · 3 units		▲
gibibit per second	Gibit/s ⓘ	0.0000000009313
mebibit per second	Mibit/s	0.0000009537
kibibit per second	Kibit/s	0.0009766

Conversion table from bit per second to megabyte per second

BIT PER SECOND	MEGABYTE PER SECOND
0	0
1.000	0.0000001250
2.000	0.0000002500
3.000	0.0000003750
4.000	0.0000005000
5.000	0.0000006250
6.000	0.0000007500
7.000	0.0000008750
8.000	0.0000010000
9.000	0.0000011250
10.00	0.0000012500
11.00	0.0000013750
12.00	0.0000015000
13.00	0.0000016250
14.00	0.0000017500
15.00	0.0000018750
16.00	0.0000020000
17.00	0.0000021250
18.00	0.0000022500
19.00	0.0000023750

BIT PER SECOND

MEGABYTE PER SECOND

20.00	0.000002500
21.00	0.000002625
22.00	0.000002750
23.00	0.000002875
24.00	0.000003000
25.00	0.000003125
26.00	0.000003250
27.00	0.000003375
28.00	0.000003500
29.00	0.000003625

Conversion table from bit per second to gigabyte per second

BIT PER SECOND	GIGABYTE PER SECOND
0	0
1.000	0.0000000001250
2.000	0.0000000002500
3.000	0.0000000003750
4.000	0.0000000005000
5.000	0.0000000006250
6.000	0.0000000007500
7.000	0.0000000008750
8.000	0.0000000010000
9.000	0.0000000011250
BIT PER SECOND	GIGABYTE PER SECOND
10.00	0.000000001250
11.00	0.000000001375
12.00	0.000000001500
13.00	0.000000001625
14.00	0.000000001750
15.00	0.000000001875
16.00	0.000000002000
17.00	0.000000002125
18.00	0.000000002250
19.00	0.000000002375

BIT PER SECOND**GIGABYTE PER SECOND**

20.00	0.000000002500
21.00	0.000000002625
22.00	0.000000002750
23.00	0.000000002875
24.00	0.000000003000
25.00	0.000000003125
26.00	0.000000003250
27.00	0.000000003375
28.00	0.000000003500
29.00	0.000000003625