

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	0.000000001000
gigabit per second	Gbit/s	0.000000008000
megabyte per second	MB/s ⓘ	0.000001000
megabit per second	Mbit/s ⓘ	0.000008000
kilobyte per second	kB/s	0.001000
kilobit per second	kbit/s	0.008000
byte per second	B/s FROM ⓘ	1.000
bit per second	bps ⓘ	8.000
BINARY PREFIX · 3 units		▲
gibibit per second	Gibit/s ⓘ	0.000000007451
mebibit per second	Mibit/s	0.000007629
kibibit per second	Kibit/s	0.007813

Conversion table from byte per second to megabyte per second

BYT E PER SECOND	MEGABYTE 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

BYTE PER SECOND	MEGABYTE 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

Conversion table from byte per second to gigabyte per second

BYT E PER SECOND	GIGABYTE PER SECOND
0	0
1.000	0.000000001000
2.000	0.000000002000
3.000	0.000000003000
4.000	0.000000004000
5.000	0.000000005000
6.000	0.000000006000
7.000	0.000000007000
8.000	0.000000008000
9.000	0.000000009000
10.00	0.00000001000
11.00	0.00000001100
12.00	0.00000001200
13.00	0.00000001300
14.00	0.00000001400
15.00	0.00000001500
16.00	0.00000001600
17.00	0.00000001700
18.00	0.00000001800
19.00	0.00000001900
20.00	0.00000002000

BYTE PER SECOND	GIGABYTE PER SECOND
21.00	0.00000002100
22.00	0.00000002200
23.00	0.00000002300
24.00	0.00000002400
25.00	0.00000002500
26.00	0.00000002600
27.00	0.00000002700
28.00	0.00000002800
29.00	0.00000002900