



Conversion Table: Data Transfer Speed with SI Prefixes

| Unit Name | Relation to: byte/second |
|-------------------------|--------------------------|
| bit/second [b/s] | 0.125 [B/s] |
| kilobit/second [kb/s] | 125 [B/s] |
| megabit/second [Mb/s] | 1.25E+5 [B/s] |
| gigabit/second [Gb/s] | 1.25E+8 [B/s] |
| terabit/second [Tb/s] | 1.25E+11 [B/s] |
| petabit/second [Pb/s] | 1.25E+14 [B/s] |
| exabit/second [Eb/s] | 1.25E+17 [B/s] |
| zettabit/second [Zb/s] | 1.25E+20 [B/s] |
| yottabit/second [Yb/s] | 1.25E+23 [B/s] |
| byte/second [B/s] | 1 [B/s] |
| kilobyte/second [kB/s] | 1000 [B/s] |
| megabyte/second [MB/s] | 1E+6 [B/s] |
| gigabyte/second [GB/s] | 1E+9 [B/s] |
| terabyte/second [TB/s] | 1E+12 [B/s] |
| petabyte/second [PB/s] | 1E+15 [B/s] |
| exabyte/second [EB/s] | 1E+18 [B/s] |
| zettabyte/second [ZB/s] | 1E+21 [B/s] |
| yottabyte/second [YB/s] | 1E+24 [B/s] |