

Unit name	Power of two	Number of bits
bit	2^1	1
byte	2^8	8
kilobyte (K)	2^{18}	8,192
megabyte (M)	2^{28}	8,388,608
gigabyte (G)	2^{38}	8,589,934,592
terabyte (T)	2^{48}	8,796,093,022,208

Figure 1.9: Comparison of bits, bytes, Ks, Megs and Gigs