

How much memory can be addressed with n bits?

n	Quantity	n	Quantity
0 bits	1 byte	20 bits	1 MB
1 bit	2 bytes	21 bits	2 MB
2 bits	4 bytes	22 bits	4 MB
3 bits	8 bytes	23 bits	8 MB
4 bits	16 bytes	24 bits	16 MB
5 bits	32 bytes	25 bits	32 MB
6 bits	64 bytes	26 bits	64 MB
7 bits	128 bytes	27 bits	128 MB
8 bits	256 bytes	28 bits	256 MB
9 bits	512 bytes	29 bits	512 MB
10 bits	1 KB	30 bits	1 GB
11 bits	2 KB	31 bits	2 GB
12 bits	4 KB	32 bits	4 GB
13 bits	8 KB	33 bits	8 GB
14 bits	16 KB	34 bits	16 GB
15 bits	32 KB	35 bits	32 GB
16 bits	64 KB	36 bits	64 GB
17 bits	128 KB	37 bits	128 GB
18 bits	256 KB	38 bits	256 GB
19 bits	512 KB	39 bits	512 GB
		40 bits	1 TB
		41 bits	2 TB
		42 bits	4 TB
		etc.	