

Computer Units are Based on Powers of 2

That's a big number, so we usually use bigger units.
For example...

k	kilo	$2^{10} = 1,024$
M	mega	$2^{20} = 1,048,576$
G	giga	$2^{30} = 1,073,741,824$
T	tera	$2^{40} = 1,099,511,627,776$

Almost but not quite the metric system...