IS THAT ROBOT REAL?

How small can a robot be?

REAL Macrosize

These robots do exist



Are there robots the size of a child?
Yes, there are robots as tall as a person!
The Mars rovers are about 1 meter tall.





Are there robots the size of a hand?
Yes, there are robots as tall as a hand!
The Roomba® Vacuum Robot is 1 decimeter thick.



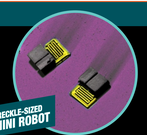


Are there robots the size of a finger?
Yes, there are robots as wide as a finger!
This mini robot is about 1 centimeter wide.





Are there robots the size of a freckle?
Yes, there are robots as small as a freckle!
This mini robot is less than 1 millimeter wide.





Are there robots the size of a hair?
Yes, there are robots as wide as a hair!
This mini robot is about one tenth of a millimeter wide.



NOT REAL Microsize

Micro-sized robots don't exist



Are there robots the size of blood cells?
No, cell-sized robots don't exist.
This tiny robot was created by an artist and is just imaginary.





Are there robots the size of bacteria?
No, bacteria-sized robots don't exist.
This "swim bot" was created by an artist and is just imaginary.

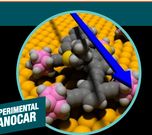


NOT REAL Nanosize

Nanobots don't exist



Are there robots the size of molecules?
No, molecule-sized robots don't exist.
This experimental nanocar is built from atoms, but is not a robot.



Created in 2008 by Scanscriber, Waco, NE, www.scanscriber.org
Accompanying book available for purchase at www.lulu.com

This material is based upon work supported by the National Science Foundation under Agreement No. 0735-0910536. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.