

\$ 1



Budget

"Mo' money less problems."

\$ 100



Budget

"Mo' money less problems."

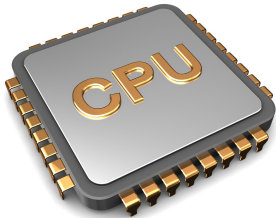
The Ansible



Communication

You have an infinite communication channel at zero power consumption

1 transistor



Computation

Oracle



Computation

This oracle answers one 1 bit question per second.

The cloud



Computation

You have infinite computation (if you have the bandwidth)
"Somewhere, over the rainbow!"

Fundamental Theorem (2001)



Special

This card can be played at any time in response to a paper. The effect is that the paper is rejected.
The Fundamental Theorem of Robotics (Egerstedt, 2001) subsumes all subsequent results.

Fundamental Theorem (2006)



Special

Allows a reviewer to reject a paper without explanation. It is neutralized by (Egerstedt, 2001).
The Fundamental Theorem of Robotics (O'Kane, 2006) subsumes all subsequent results.

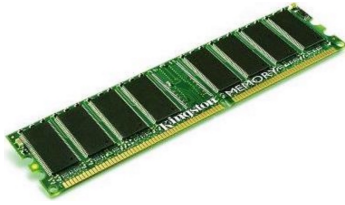
Theory of Everything



Special

A reviewer can use this card to dismiss the paper as over-reaching.
The results should be more concrete.

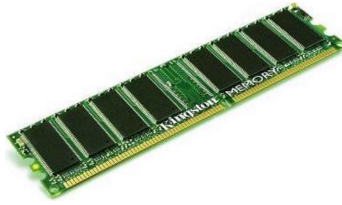
640 KB



Memory

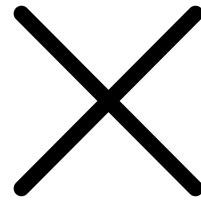
640 KB should be enough for everybody.

1 bit



Memory

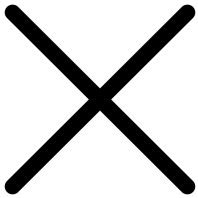
10x multiplier



Special

A chosen resource can be multiplied by 10.

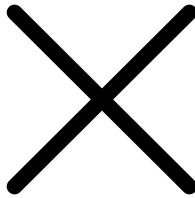
10x multiplier



Special

A chosen resource can be multiplied by 10.

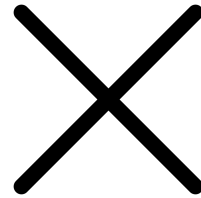
5x multiplier



Special

A chosen resource can be multiplied by 5.

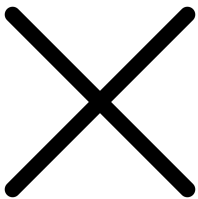
5x multiplier



Special

A chosen resource can be multiplied by 5.

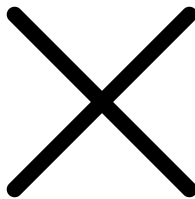
5x multiplier



Special

A chosen resource can be multiplied by 5.

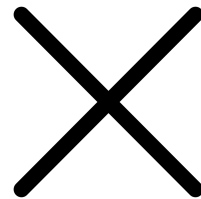
2x multiplier



Special

A chosen resource can be multiplied by 2.

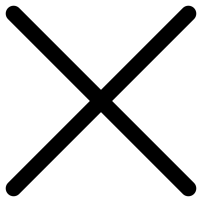
2x multiplier



Special

A chosen resource can be multiplied by 2.

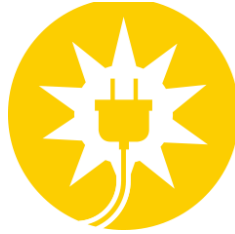
2x multiplier



Special

A chosen resource can be multiplied by 2.

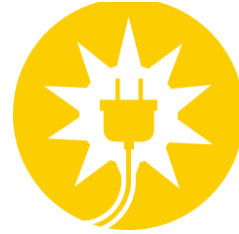
1 milliwatt



Power

1 milliwatt should be plenty for everybody

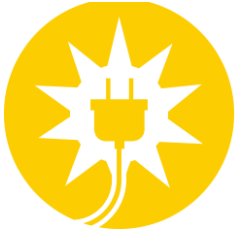
1 watt



Power

1 watt is plenty for everything

1 megawatt



Power

1 megawatt will keep you warm

Hokuyo range-finder

5 W

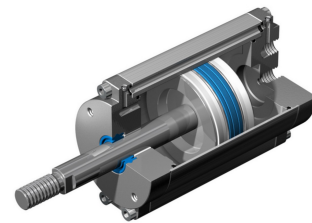


Sensor

A reliable sensor. Maximum range is 8m.

2000 USD

One robotic finger



Actuator

"When the finger points to the moon, the student looks at the finger."

Steve Lavalle



Special

The computation requirements of the proposed solution are divided by 10.

1 day



Time

1 day to perform the task