

Computing

# Lesson 4: Main Memory

**Computer Systems**

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*Materials from the Teach Computing Curriculum created by the National Centre for Computing Education*



# Main memory

What do the terms **RAM** and **ROM** mean in a computer system?

<b>Term</b>	<b>Meaning</b>
<b>RAM</b>	
<b>ROM</b>	



# Task title

Which line of the table describes RAM and which describes ROM?

Place/Write the correct device into each line on the table.

<b>Description</b>	<b>Device</b>
<b>Read only</b>	
<b>Read and write</b>	

**RAM**

**ROM**



# Task title

Which line of the table describes RAM and which describes ROM?

Place/Write the correct device into each line on the table.

<b>Description</b>	<b>Device</b>
<b>Stores instructions and data ready for a CPU to execute</b>	
<b>Stores permanent instructions that tell a computer how to 'boot up'</b>	

**RAM**

**ROM**



# Task title

Which line of the table describes RAM and which describes ROM?  
Place/Write the correct device into each line on the table.

<b>Description</b>	<b>Device</b>
<b>Volatile</b>	
<b>Non-Volatile</b>	

**RAM**

**ROM**



# Task title

Which line of the table describes RAM and which describes ROM?  
Place/Write the correct device into each line on the table.

<b>Description</b>	<b>Device</b>
<b>6–8MB</b>	
<b>1–256GB</b>	

**RAM**

**ROM**

