

AQA Computer Science A-Level

4.7.3 Structure and role of the processor and its components

Extra Resources



Inside the CPU - Computerphile

<https://www.youtube.com/watch?v=IAkj32VPcUE>

How Computers Calculate - the ALU: Crash Course Computer Science #5

<https://www.youtube.com/watch?v=1I5ZMmrOfnA>

Registers and RAM: Crash Course Computer Science #6

<https://www.youtube.com/watch?v=fpnE6UAfbtU>

The Central Processing Unit (CPU): Crash Course Computer Science #7

<https://www.youtube.com/watch?v=FZGugFqdr60>

Fetch-Execute Cycle Animation

<https://www.hartismere.com/20398/CPU-Fetch-Decode-Execute-Animation>

Program, Interrupted - Computerphile

<https://www.youtube.com/watch?v=54BrU82ANww>

AQA Assembly Language Simulator - Assemulator

<https://michael-crilly.com/assemulator/>

