Meltdown basically works like this:

1. READ secret from forbidden address
2. Stash away secret before CPU detects wrongdoing
3. Retrieve secret

MELTDOWN & SPECTRE FOR NORMAL PEOPLE

MELTDOWN

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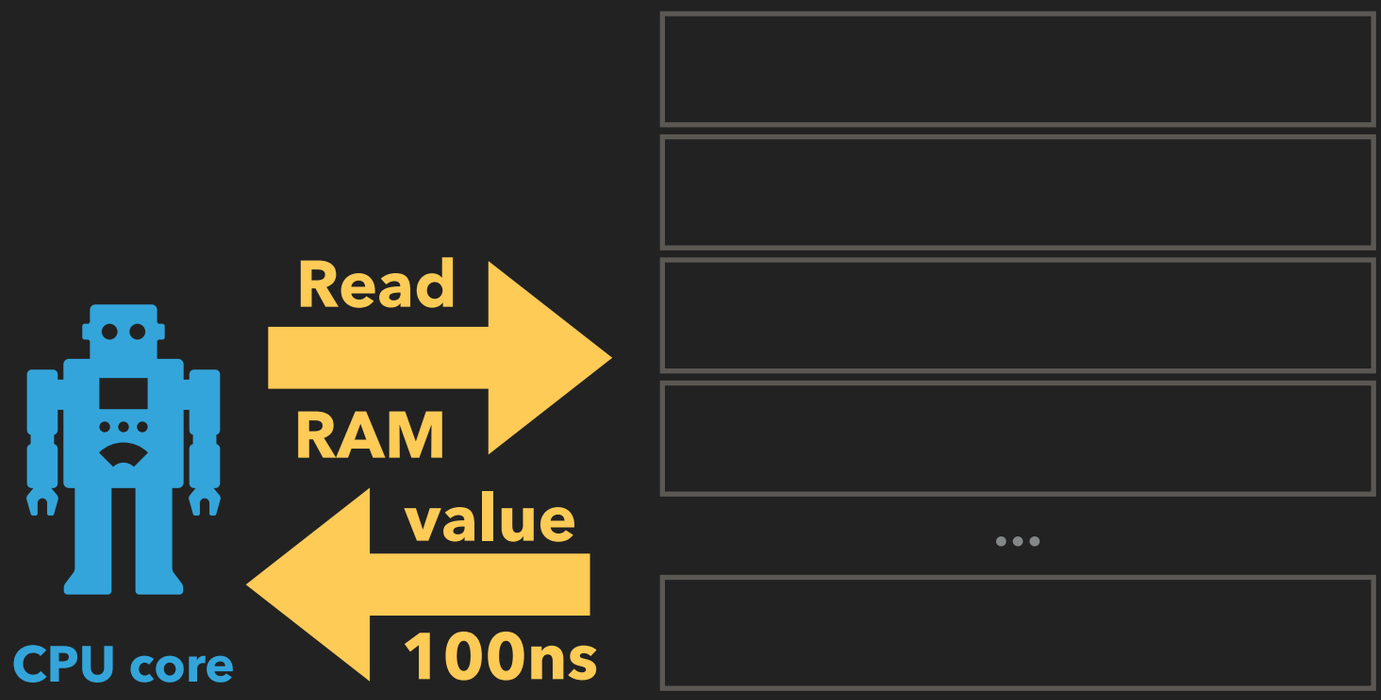
MELTDOWN: STASHING AWAY – SIDECHANNEL



- Data is stored in RAM
- RAM is very slow
- Reading one byte stalls the CPU for hundreds of µOPs

MELTDOWN

Meltdown basically works like this:

- READ secret from forbidden address
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