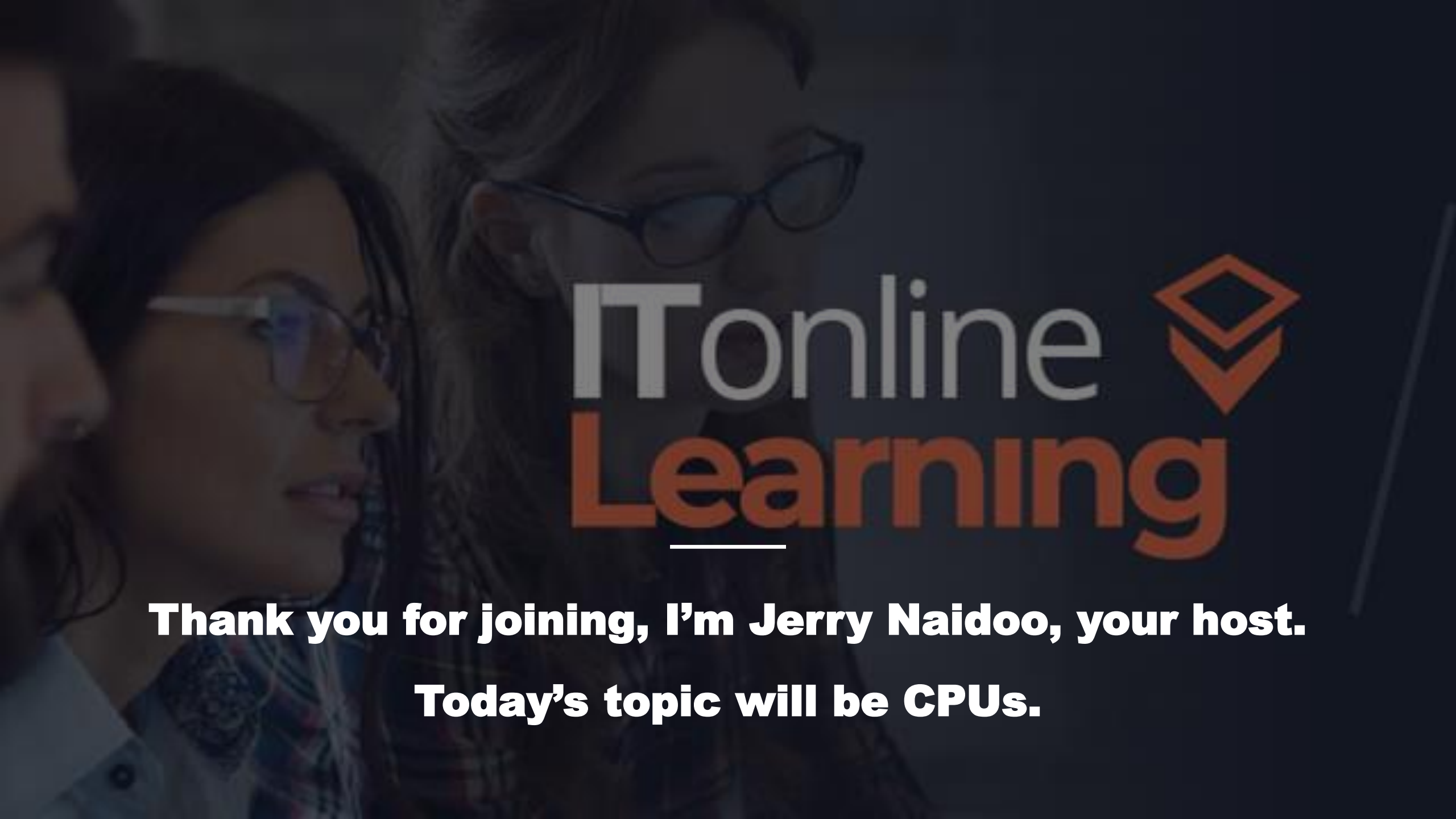


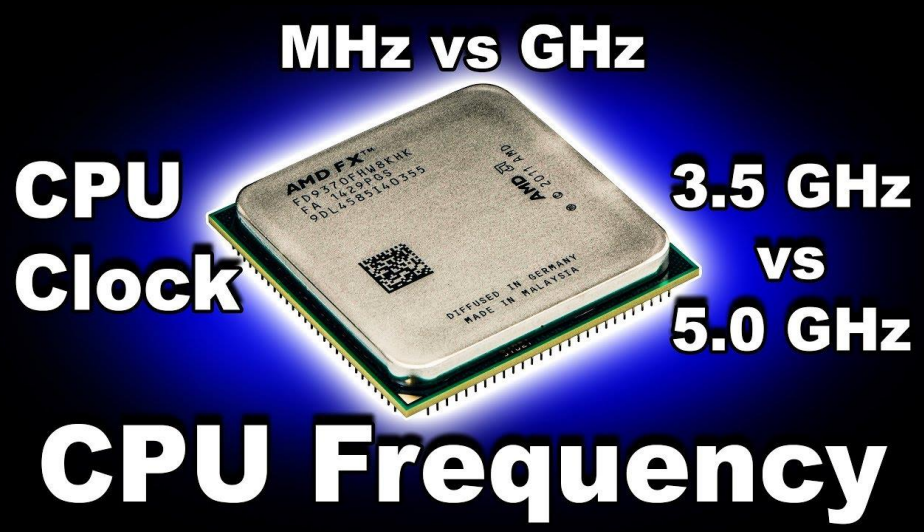
Thank you for joining, I'm Jerry Naidoo, your host.

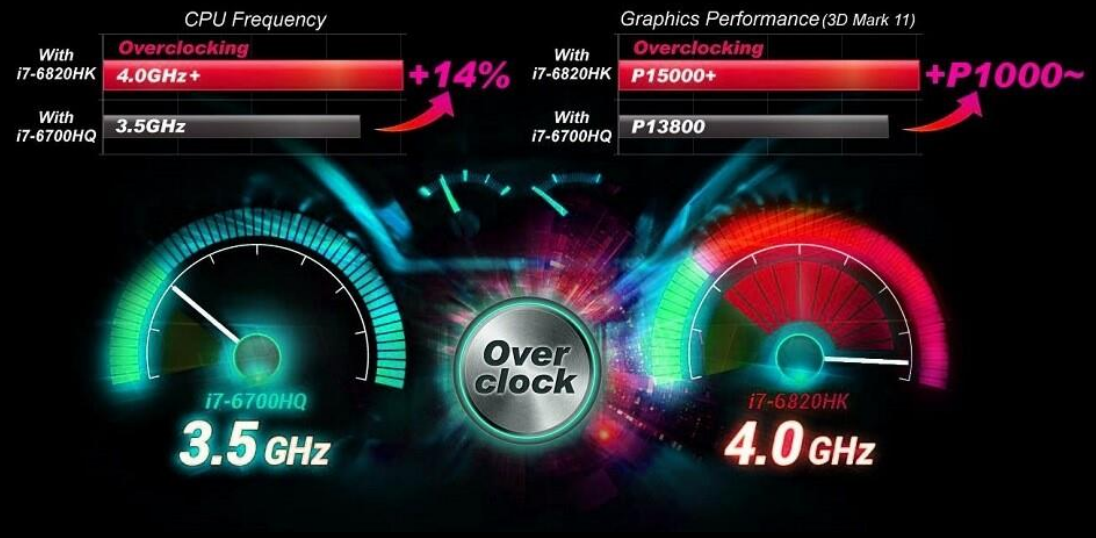
Today's topic will be CPUs.

CENTRAL PROCESSING UNIT

SESSION 1

CLOCK SPEED AND OVERCLOCKING



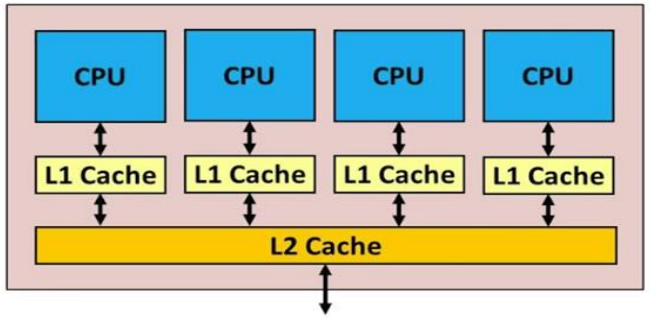


MULTI-CORE PROCESSORS

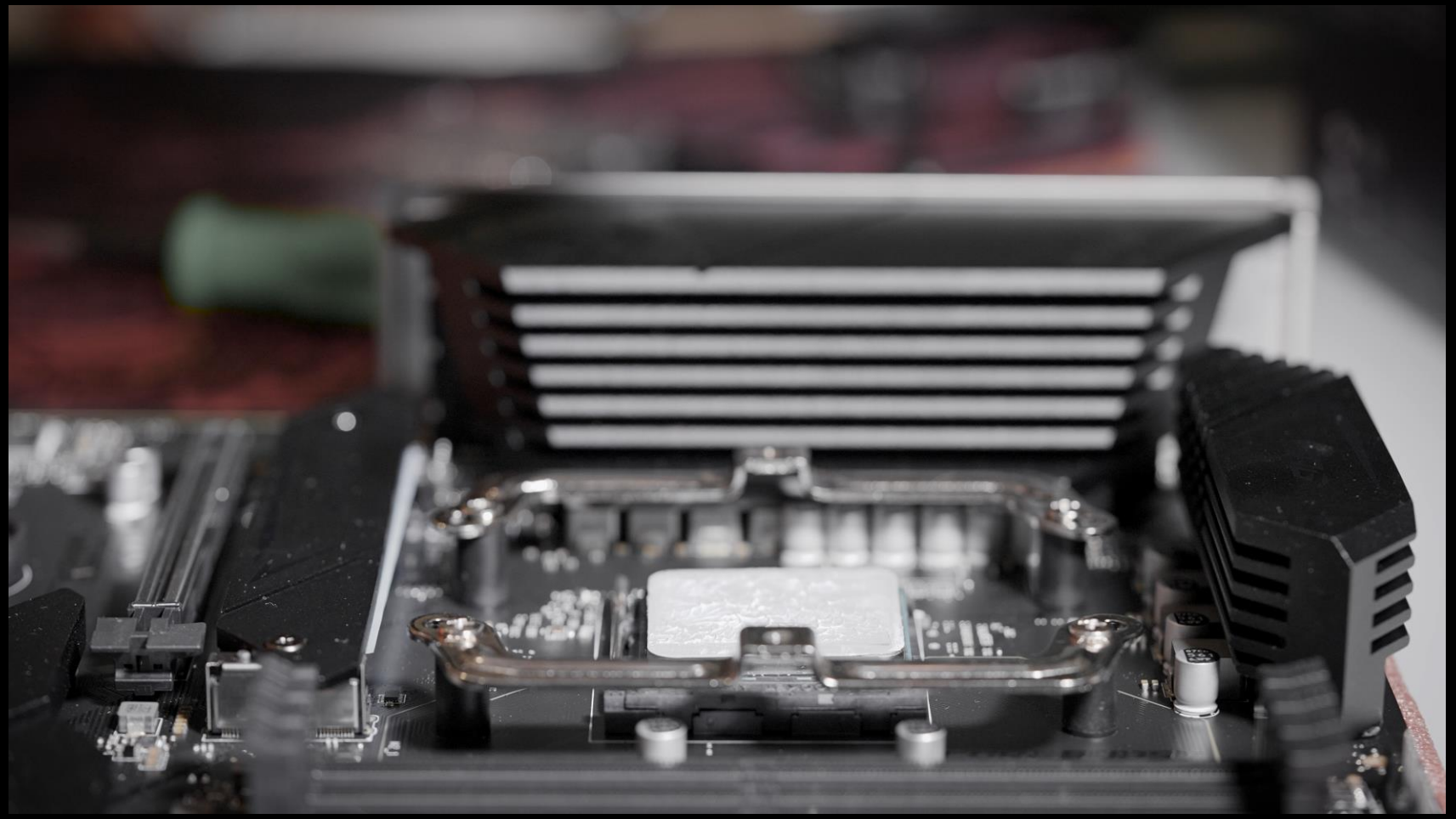
THE KEY THING TO REMEMBER IS THAT A MULTI-CORE CPU CAN EXECUTE MORE THAN ONE INSTRUCTION AT A TIME.

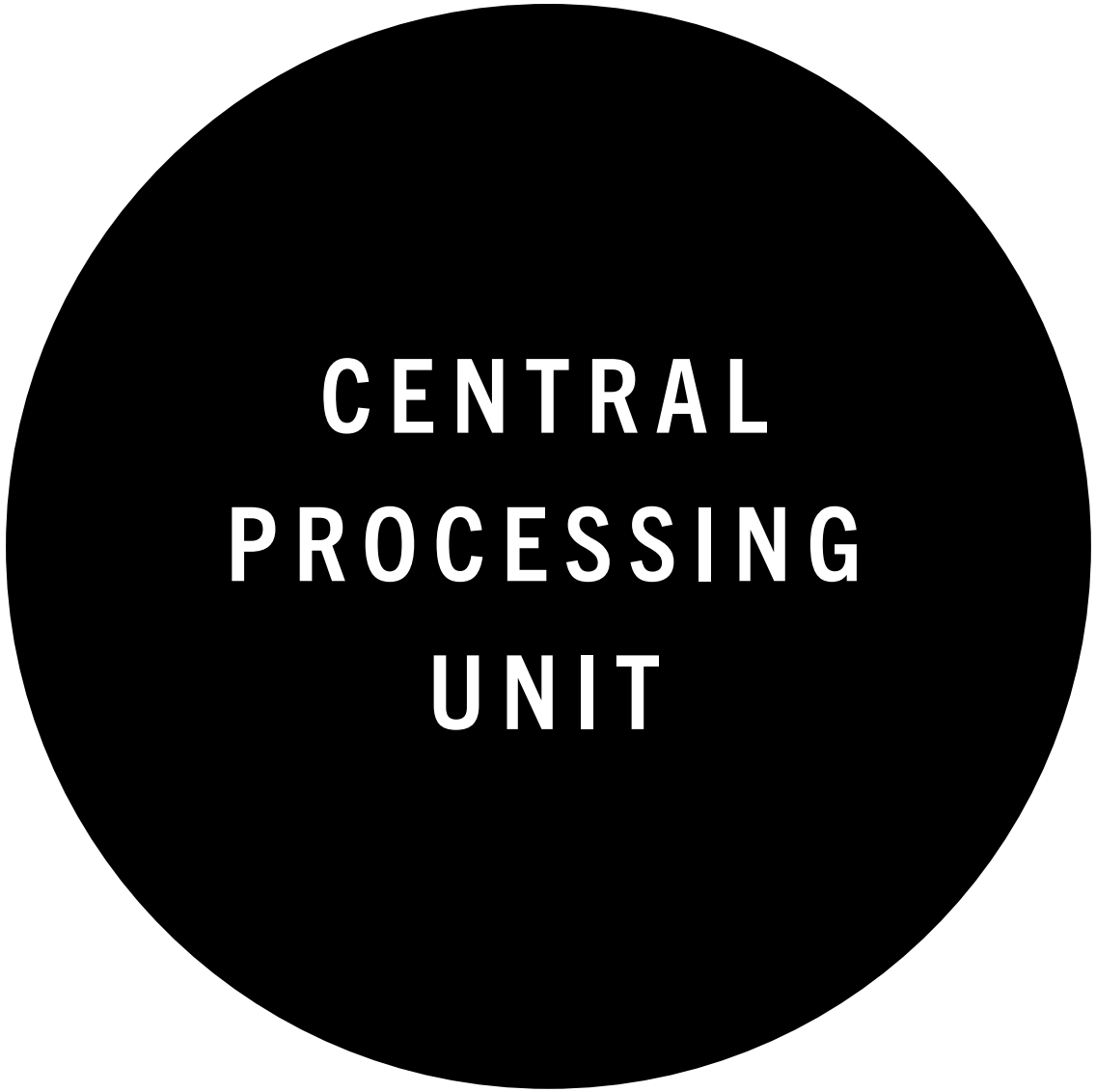
Multiple cores

Most computer systems have one processor, an easy way of increasing performance is to use several processors. If you put multiple processors onto a single chip is is known as a **multi-core** processor.

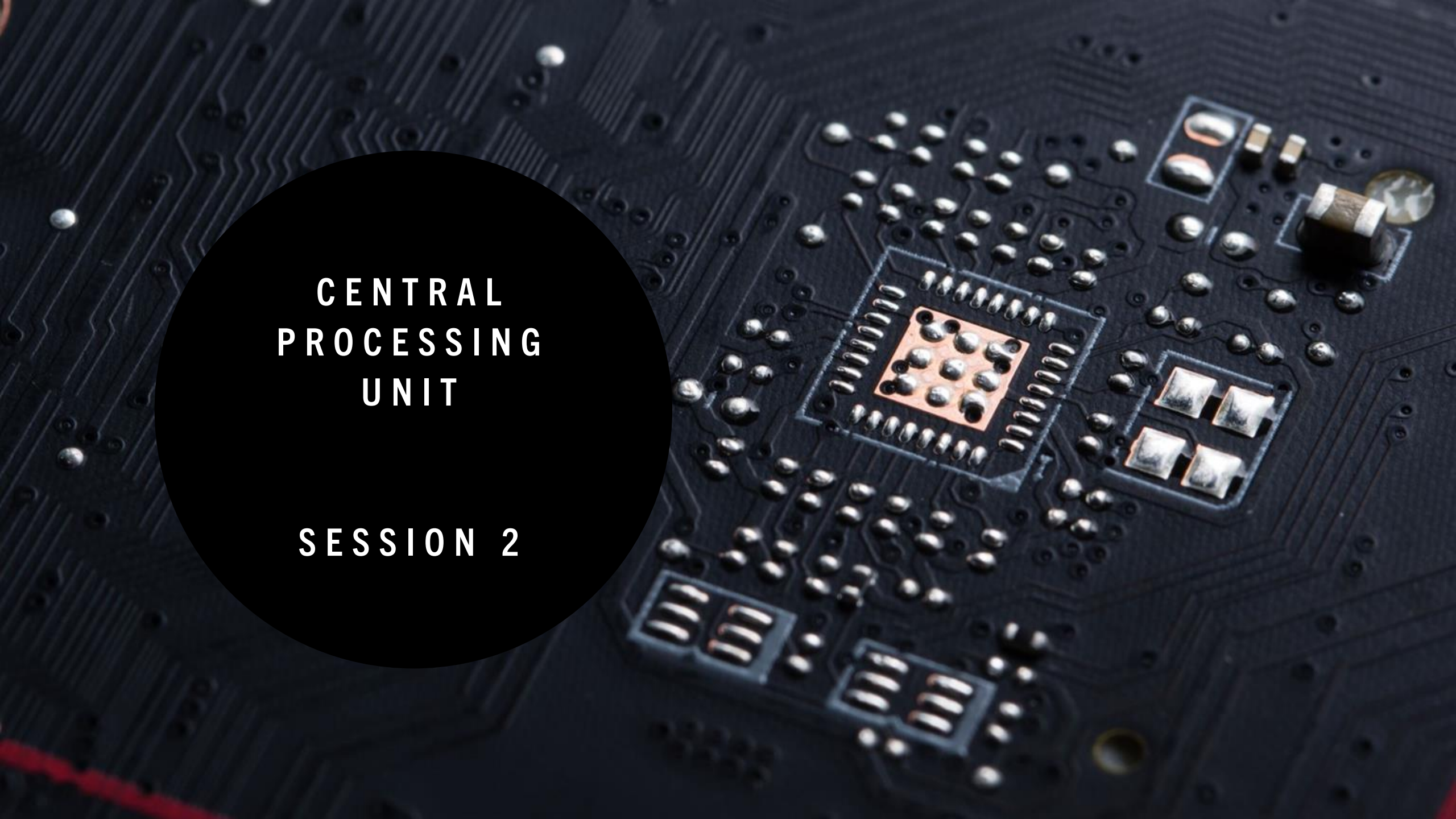


CPU COOLER





Please add your questions to the Q&A at the bottom of the screen – we designated 5 minutes to allow you to ask as many questions as you like.


CENTRAL
PROCESSING
UNIT
SESSION 2

TROUBLESHOOTING A CPU

Basic Troubleshooting Techniques
- Document your findings
- Take notes on error messages
- Open the tower and investigate
- Restart the computer

INSTALLATION ISSUES

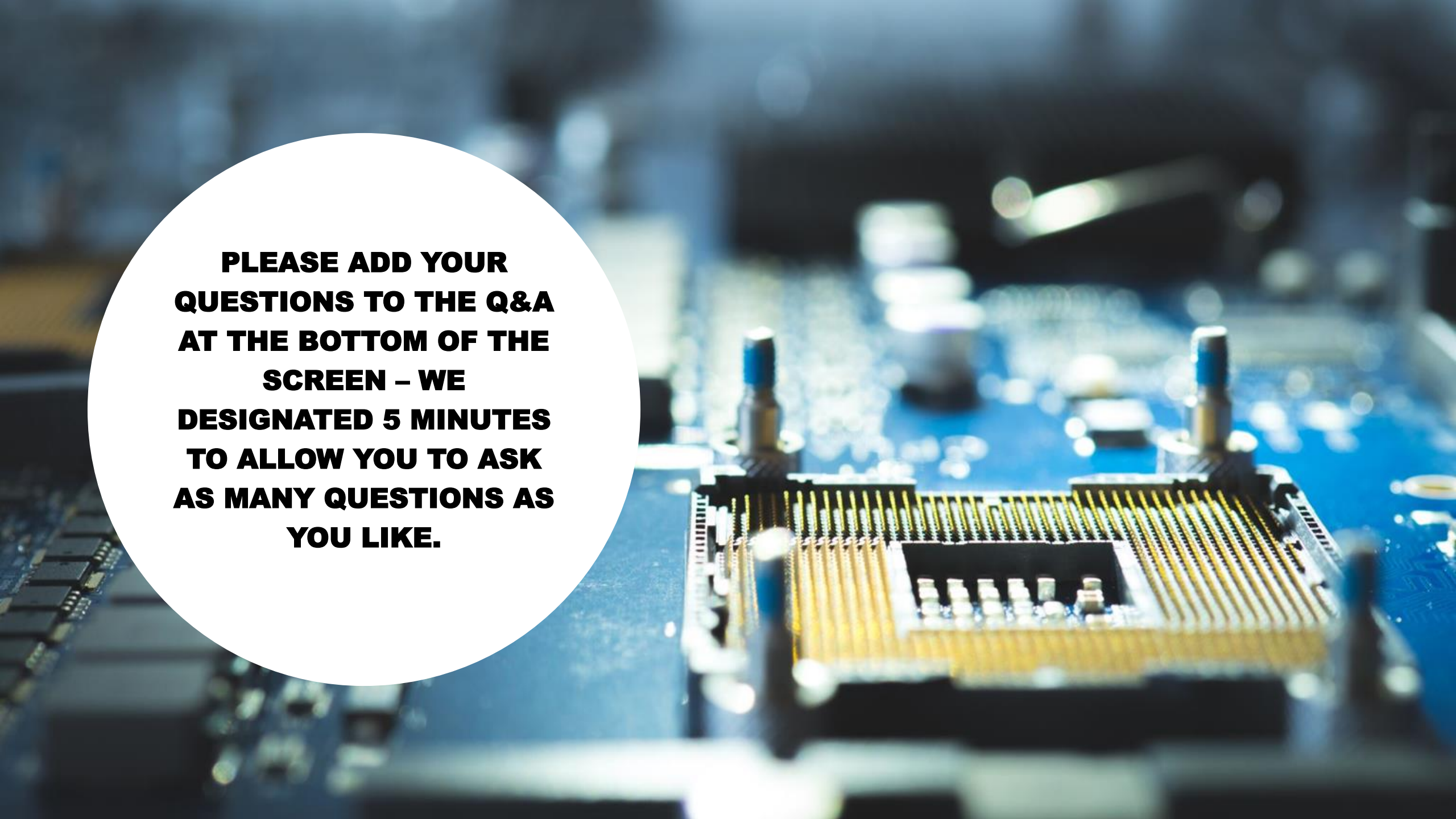
Common CPU installation issues:

- When upgrading to a new CPU
- When building a new system
- Make sure that the CPU is compatible with the motherboard
- Make sure that the CPU is seated properly in its socket and is flat

IDENTIFYING COMMON ISSUES ON YOUR CPU

OVERHEATING ISSUES

ACCUMULATION OF DUST



PLEASE ADD YOUR QUESTIONS TO THE Q&A AT THE BOTTOM OF THE SCREEN – WE DESIGNATED 5 MINUTES TO ALLOW YOU TO ASK AS MANY QUESTIONS AS YOU LIKE.

Please feel free to reach out to me if you have any further questions.

jerry@itonlinelearning.com