

COMPTIA A+ CORE 1 (220-1001)

EXAM CHAPTER 3:

MICROPROCESSORS

OBJECTIVE MAPPING*

EPISODE 1: WHAT IS A CPU?

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- CPU features

EPISODE 2: CPU SPEEDS AND CORES

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- CPU features
 - Single-core
 - Multicore
 - Hyperthreading
 - Speeds
 - Overclocking
- Compatibility
 - AMD
 - Intel

EPISODE 3: CACHING

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- CPU features

EPISODE 5: CPU SOCKETS

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- Motherboard connectors types

- Socket types
- CPU features
- Compatibility
 - AMD
 - Intel

EPISODE 6: INSTALLING A CPU

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- CPU features
- Cooling mechanism
 - Fans
 - Heat sink
 - Thermal paste

EPISODE 7: LIQUID COOLING

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- Cooling mechanism
 - Liquid

*This document can be used to determine what CompTIA A+ exam objectives are in each episode, as well as map where those objectives are in the official “CompTIA A+ 220-1101 Exam Objectives (2.0)” PDF resource that accompanies this course.

**Why am I seeing different Core exams than what I’m studying? In some cases, you may be watching a video series that focuses on the Core 1 exam, however some of the episodes contain Core 2 exam objectives, or vice versa. There are 2 reasons for this: 1) The other Core exam topic is covered to give you a better, fuller understanding of the surrounding topics, and 2) Some episodes contain information from both Core exams because the topics coincide with each other and are more easily taught in 1 episode than breaking them out into separate episodes.