

COMPTIA A+ CORE 1 (220-1001)

EXAM CHAPTER 2: THE VISIBLE COMPUTER

OBJECTIVE MAPPING*

EPISODE: PRIMARY PC COMPONENTS

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 – HARDWARE

3.6 Explain the purposes and uses of various peripheral types

- Printer
- ADF/flatbed scanner
- Monitors
- Mouse
- Keyboard
- Game controllers
- Camera/webcam
- Microphone
- Speakers
- Headset
- External storage drives

EPISODE: EXTERNAL CONNECTIONS

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 – HARDWARE

3.1 Explain basic cable types, features, and their purposes

- Video cables
 - VGA
 - HDMI
 - DisplayPort
 - DVI
- Peripheral cables
 - Serial

3.2 Identify common connector types

- RJ-45
- USB
- Micro-USB
- Mini-USB
- USB-C

- eSATA

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

- Motherboard connector types
 - Front panel connector

3.6 Explain the purposes and uses of various peripheral types

- Optical

EPISODE: INSIDE THE PC

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
 - PCI
 - PCIe
 - Riser card
 - Socket types
 - SATA
 - IDE
 - Internal USB connector
- CPU features
- Cooling mechanism
 - Liquid
- Expansion cards
 - Video cards

3.7 Summarize power supply types and features

EPISODE: WHAT IS A COMPUTER?

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 – HARDWARE

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

- CPU features

*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.