

## COMPTIA A+ CORE 1 (220-1001) EXAM CHAPTER 23: PORTABLE COMPUTING

### OBJECTIVE MAPPING\*

#### EPISODE : LAPTOP FEATURES

#### CORE 1 EXAM OBJECTIVES

#### DOMAIN 1: MOBILE DEVICES

##### 1.3 Given a scenario, use appropriate laptop features

- Special function keys
  - Dual displays
  - Wireless (on/off)
  - Cellular (on/off)
  - Volume settings
  - Screen brightness
  - Bluetooth (on/off)
  - Keyboard backlight
  - Touchpad (on/off)
  - GPS (on/off)
  - Airplane mode
- Docking station
- Port replicator
- Physical laptop lock and cable lock
- Rotating/removable screens

##### 1.6 Given a scenario, configure basic mobile device network connectivity and application support

- Bluetooth
  - Enable Bluetooth

#### EPISODE : LAPTOP HARDWARE TROUBLESHOOTING - THE TOOLS

#### CORE 1 EXAM OBJECTIVES

#### DOMAIN 1: MOBILE DEVICES

##### 1.1 Given a scenario, install and configure laptop hardware and components

- Hardware/device replacement
  - Keyboard
  - Hard drive
    - SSD vs. hybrid vs. magnetic disk
    - 1.8in vs. 2.5in
  - Memory
  - Smart card reader
  - Optical drive
  - Wireless card/Bluetooth module
  - Mini PCIe
  - Screen
  - DC jack

- Battery
- Touchpad
- CPU

### 1.2 Given a scenario, install components within the display of a laptop

- WiFi antenna connector / placement

## DOMAIN 3: HARDWARE

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### 3.3 Given a scenario, install RAM types

- RAM types
  - SODIMM

## EPISODE : LAPTOP HARDWARE TROUBLESHOOTING - DRIVES, RAM, AND CARDS

### CORE 1 EXAM OBJECTIVES

## DOMAIN 1: MOBILE DEVICES

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### 1.2 Given a scenario, install components within the display of a laptop

- *No sub-objectives*

**\*\*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.