

COMPTIA A+ CORE 1 (220-1001) EXAM CHAPTER 11: BUILDING A PC

OBJECTIVE MAPPING*

EPISODE: THE RIGHT PC FOR THE JOB

CORE 2 EXAM OBJECTIVES

DOMAIN 3: HARDWARE

3.8 Given a scenario, select and configure appropriate components for a custom PC configuration to meet customer specifications or needs

- Graphic/CAD/CAM design workstation
 - Multicore processor
 - High-end video
 - Maximum RAM
- Audio/video editing workstation
 - Specialized audio and video card
 - Large, fast hard drive
 - Dual monitors
- Virtualization workstation
 - Maximum RAM and CPU cores
- Gaming PC
 - Multicore processor
 - High-end video/specialized GPU
 - High-definition sound card
 - High-end cooling
- Standard thick client
 - Desktop applications
 - Meets recommended requirements for selected OS
- Thin client
 - Base applications
 - Meets minimum requirements for selected OS
 - Network connectivity
- Network attached storage device
 - Media streaming
 - File sharing
 - Gigabit NIC
 - RAID array
 - Note that the HTPC configuration is gone – no HDMI output, HTPC form factor case, TV tuner...

*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+ 220-1001 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.