

3.11 Expansion Cards

As you study this section, answer the following questions:

- What advantage does a PCIe bus have over a PCI bus?
- Which type of devices typically use mini PCI cards?
- Which bus type is commonly used by graphics cards?
- What type of slot can a PCIe x1 expansion card be placed in?

In this section, you will learn to:

- Install an expansion card

Key terms for this section include the following:

Term	Definition
Peripheral Component Interconnect (PCI)	A connection slot for a 32-bit computer bus.
PCI Extended (PCI-X)	A PCI design that overcomes PCI bandwidth limitations.
PCI Express (PCIe)	The connector that replaced PCI, PCI-X and AGP.
Mini PCI	A small form factor used by computers.
Legacy Bus	An old bus no longer supported by manufacturers.

This section helps you prepare for the following certification exam objectives:

Exam	Objective
TestOut PC Pro	1.1 Select and install PC components 1.1.5 Select and install expansion cards
CompTIA 220-1001	3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards. <ul style="list-style-type: none">▪ Motherboard connectors types<ul style="list-style-type: none">▪ PCI▪ PCIe▪ Riser card

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