

9.5.2 Mobile Device Facts

The following table lists the most common mobile devices you will encounter:

Device	Description
Tablets	Tablet devices use a touchscreen interface instead of the touchpad and keyboard used by notebook PCs. The touchscreen interface is usually capacitive, meaning that it requires conductive material, such as your finger tip, for input. Capacitive touchscreens provide multi-touch capabilities, which allow the tablet to recognize multiple finger touches at the same time.
Smart Phones	Smart phones combine the functionality of a cellular phone with the features of a desktop computer. Smart phones can access the internet either through a Wi-Fi connection or by using a 3G, 4G, and LTE cellular connection. They can also be used as a GPS navigation unit, a portable gaming device, and a mobile music player. Smart phones typically have a screen size between 2.5 inches and 5 inches. Most smart phones use the Android and iOS operating systems, but there is also a Microsoft Windows system called Lumia and a Google Chrome operating system called Fuchsia.
Wearable Devices	Wearable devices are a type of mobile device meant to be worn somewhere on the body. These devices range from being as simple as a fitness tracker wrist band to as complex as glasses or a virtual reality headset. Most wearable devices are designed to interface with another device. For example, a smart watch by itself has a limited set of functionality; however, smart watches are designed to connect to smart phones using Bluetooth. Doing this unlocks additional functionality, such as reading texts or answering phones calls through the smart watch.
Webcam	Webcams are camera and microphone systems that allow users to communicate through the internet with audio and video. Most laptops have a built-in webcam, but you can purchase one and connect it to the computer through a USB port.
E-readers	E-readers are similar in size to tablets, but they lack the functionality of a tablet. Their primary purpose is for reading digital books, newspapers, magazines, and other periodicals. Most e-readers use E Ink to display digital content. E Ink is a special technology that creates a high-contrast, black and white display. Even though they can display only grayscale, E Ink screens are great for e-readers because they consume much less power than LCD screens and they don't suffer from visibility problems when used in bright sunlight.

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