

Updated for iPhone 12 models and iOS 14

Phone[®] FOR SENIORS



Covers iPhone models back to iPhone 6s

Stay in-the-know with social networking apps

Listen to music and share photos



Dwight Spivey

Author of *iPad For Seniors*For Dummies



iPhone For Seniors — Updated for iPhone 12 and iOS 14

by Dwight Spivey



iPhone® For Seniors For Dummies® — Updated for iPhone 12 and iOS 14

Published by: John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030-5774, www.wiley.com Copyright © 2021 by John Wiley & Sons, Inc., Hoboken, New Jersey

Published simultaneously in Canada

No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as permitted under Sections 107 or 108 of the 1976 United States Copyright Act, without the prior written permission of the Publisher. Requests to the Publisher for permission should be addressed to the Permissions Department, John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, (201) 748-6011, fax (201) 748-6008, or online at http://www.wiley.com/go/permissions.

Trademarks: Wiley, For Dummies, the Dummies Man logo, Dummies.com, Making Everything Easier, and related trade dress are trademarks or registered trademarks of John Wiley & Sons, Inc. and may not be used without written permission. iPhone is a registered trademark of Apple Inc. John Wiley & Sons, Inc. is not associated with any product or vendor mentioned in this book.

LIMIT OF LIABILITY/DISCLAIMER OF WARRANTY: THE PUBLISHER AND THE AUTHOR MAKE NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF THE CONTENTS OF THIS WORK AND SPECIFICALLY DISCLAIM ALL WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE. NO WARRANTY MAY BE CREATED OR EXTENDED BY SALES OR PROMOTIONAL MATERIALS. THE ADVICE AND STRATEGIES CONTAINED HEREIN MAY NOT BE SUITABLE FOR EVERY SITUATION. THIS WORK IS SOLD WITH THE UNDERSTANDING THAT THE PUBLISHER IS NOT ENGAGED IN RENDERING LEGAL, ACCOUNTING, OR OTHER PROFESSIONAL SERVICES. IF PROFESSIONAL ASSISTANCE IS REQUIRED, THE SERVICES OF A COMPETENT PROFESSIONAL PERSON SHOULD BE SOUGHT. NEITHER THE PUBLISHER NOR THE AUTHOR SHALL BE LIABLE FOR DAMAGES ARISING HEREFROM. THE FACT THAT AN ORGANIZATION OR WEBSITE IS REFERRED TO IN THIS WORK AS A CITATION AND/OR A POTENTIAL SOURCE OF FURTHER INFORMATION DOES NOT MEAN THAT THE AUTHOR OR THE PUBLISHER ENDORSES THE INFORMATION THE ORGANIZATION OR WEBSITE MAY PROVIDE OR RECOMMENDATIONS IT MAY MAKE. FURTHER, READERS SHOULD BE AWARE THAT INTERNET WEBSITES LISTED IN THIS WORK MAY HAVE CHANGED OR DISAPPEARED BETWEEN WHEN THIS WORK WAS WRITTEN AND WHEN IT IS READ.

For general information on our other products and services, please contact our Customer Care Department within the U.S. at 877-762-2974, outside the U.S. at 317-572-3993, or fax 317-572-4002. For technical support, please visit https://hub.wiley.com/community/support/dummies.

Wiley publishes in a variety of print and electronic formats and by print-on-demand. Some material included with standard print versions of this book may not be included in e-books or in print-on-demand. If this book refers to media such as a CD or DVD that is not included in the version you purchased, you may download this material at http://booksupport.wiley.com. For more information about Wiley products, visit www.wiley.com.

Library of Congress Control Number: 2020949793

ISBN 978-1-119-73004-0 (pbk); ISBN 978-1-119-73008-8 (ebk); ISBN 978-1-119-73001-9

Manufactured in the United States of America

10 9 8 7 6 5 4 3 2 1

Contents at a Glance

| Introduc | tion | 1 |
|-------------|---|-----|
| Part 1: Go | etting to Know Your iPhone | 5 |
| CHAPTER 1: | Buying Your iPhone | |
| CHAPTER 2: | Exploring the Home Screen | |
| CHAPTER 3: | Getting Going | |
| CHAPTER 4: | Beyond the Basics | |
| CHAPTER 5: | Managing and Monitoring iPhone Usage | |
| Part 2: Be | eginning to Use Your iPhone | 93 |
| CHAPTER 6: | Making and Receiving Calls | 95 |
| CHAPTER 7: | Organizing Contacts | 113 |
| CHAPTER 8: | Communicating with FaceTime and Messages | 131 |
| CHAPTER 9: | Using Handy Utilities | 155 |
| CHAPTER 10: | Making Your iPhone More Accessible | 171 |
| CHAPTER 11: | Conversing with Siri | 199 |
| Part 3: Ex | φloring the Internet | 215 |
| CHAPTER 12: | Browsing with Safari | 217 |
| CHAPTER 13: | Emailing with the Mail App | 233 |
| CHAPTER 14: | Expanding Your iPhone Horizons with Apps | 259 |
| CHAPTER 15 | Socializing with Facebook, Twitter, and Instagram | 279 |
| Part 4: Er | njoying Media | 289 |
| CHAPTER 16: | Shopping the iTunes Store | 291 |
| | Reading Books | |
| CHAPTER 18: | Enjoying Music and Podcasts | 311 |
| CHAPTER 19: | Taking and Sharing Photos | 329 |
| | Creating and Watching Videos | |
| | Navigating with Maps | |

| Part 5: Living with Your iPhone | . 375 |
|---|-------|
| CHAPTER 22: Keeping on Schedule with Calendar and Clock | 377 |
| CHAPTER 23: Working with Reminders and Notifications | 393 |
| CHAPTER 24: Keeping Tabs on Your Health | 411 |
| CHAPTER 25: Troubleshooting and Maintaining Your iPhone | . 423 |
| Index | . 435 |

Table of Contents

| INTRODU | JCTION | 1 |
|----------------|---|-----|
| | About This Book | . 1 |
| | Foolish Assumptions | . 1 |
| | Icons Used in This Book | . 2 |
| | Beyond the Book | |
| | Where to Go from Here | . 3 |
| | | |
| Part 1: Gettin | g to Know Your iPhone | .5 |
| CHAPTER 1: | Buying Your iPhone | . 7 |
| | Discover the Newest iPhones and iOS 14 | |
| | Choose the Right iPhone for You | 11 |
| | Decide How Much Storage Is Enough | |
| | Understand What You Need to Use Your iPhone | |
| | Where to Buy Your iPhone | 17 |
| | What's in the Box | |
| | Take a First Look at the Gadget | 18 |
| CHAPTER 2: | Exploring the Home Screen | 21 |
| | What You Need to Use iPhone | 22 |
| | Turn On iPhone for the First Time | 23 |
| | Meet the Multi-Touch Screen | |
| | Say Hello to Tap and Swipe | |
| | Introducing the App Library | |
| | Display and Use the Onscreen Keyboard | |
| | Keyboard shortcuts | |
| | The Shift key | |
| | EmojisQuickPath | |
| | Flick to Search | |
| | | |
| CHAPTER 3: | Getting Going | |
| | Update the Operating System to iOS 14 | |
| | Learn App Switcher Basics | |
| | Examine the iPhone Cameras | 46 |

| | Take a Look at Face ID. Discover Control Center Lock Screen Rotation. Explore the Status Bar. Take Inventory of Preinstalled Apps Lock iPhone, Turn It Off, or Unlock It | 49 53 55 |
|----------------------------|--|---|
| CHAPTER 4: | Beyond the Basics Charge the Battery by Plugging In Charge the Battery Wirelessly Sign into an Apple ID for Music, Movies, and More Sync Wirelessly Understand iCloud Turn on iCloud Drive Set Up iCloud Sync Settings Browse Your iPhones Files | 62 63 64 68 70 |
| CHAPTER 5: Part 2: Beginr | Managing and Monitoring iPhone Usage Meet Screen Time | 78 81 83 84 87 |
| CHAPTER 6: | Making and Receiving Calls Use the Keypad to Place a Call End a Call. Place a Call Using Contacts. Return a Recent Call. Use Favorites Receive a Call Use Tools During a Call. Turn On Do Not Disturb Set Up Exceptions for Do Not Disturb. Reply to a Call via Text or Set a Reminder to Call Back. Change Your Ringtone. | 96 97 100 101 103 106 110 |

| CHAPTER 7: | Organizing Contacts | 113 |
|------------|--|-----|
| | Add a Contact | |
| | Sync Contacts with iCloud | |
| | Assign a Photo to a Contact | |
| | Add Social Media Information | |
| | Designate Related People | |
| | Set Individual Ringtones and Text Tones | |
| | Share a Contact | |
| | Delete a Contact | |
| GUARTER O | | |
| CHAPTER 8: | Communicating with FaceTime and Messages | |
| | What You Need to Use FaceTime | |
| | Make a FaceTime Call with Wi-Fi or Cellular | |
| | Accept and End a FaceTime Call | |
| | Switch Views | |
| | Set Up an iMessage Account | |
| | Use Messages to Address, Create, and Send Messages | |
| | Read Messages | |
| | Clear a Conversation | |
| | Send Emojis in Place of Text | |
| | Use the App Drawer Send and Receive Audio | |
| | Send a Photo or Video | |
| | Send a Map of Your Location | |
| | Understand Group Messaging | |
| | Activate the Hide Alerts Feature | |
| CHAPTER 9: | Using Handy Utilities | 155 |
| | Use the Calculator | |
| | Find Your Way with Compass | |
| | Record Voice Memos | |
| | Measure Distances and Level Objects | |
| | Discover the Home App | |
| | Translate Words and Phrases | 166 |

| CHAPTER | 10: Making Your iPhone More Accessible | 171 |
|--------------|--|-----|
| | Set Brightness | 172 |
| | Change the Wallpaper | |
| | Set Up VoiceOver | |
| | Use VoiceOver | 178 |
| | Use iPhone with Hearing Aids | 182 |
| | Adjust the Volume | 183 |
| | Set Up Subtitles and Captioning | 185 |
| | Manage Other Hearing Settings | 186 |
| | Turn On and Work with AssistiveTouch | 187 |
| | Turn On Additional Physical and Motor Settings | 189 |
| | Focus Learning with Guided Access | 190 |
| | One-Handed Keyboard | |
| | Control your iPhone with a Tap on the Back | |
| | Control Your iPhone with Voice Control | 195 |
| CHARTER | 11: Conversing with Siri | 100 |
| CHAPTER | | |
| | Activate Siri | |
| | Discover All That Siri Can Do | |
| | Get Suggestions | |
| | Create Reminders and Alerts | |
| | Add Tasks to Your Calendar | |
| | Play Music | |
| | Get Directions | |
| | Ask for Facts | |
| | Search the Web | |
| | Send Email, Messages, or Tweets | |
| | Use Dictation | |
| | | |
| D =4 2. EI | landa a Ala a Tarkanna a k | 245 |
| Part 3: Expi | oring the Internet | |
| CHAPTER | 12: Browsing with Safari | |
| | Connect to the Internet | |
| | Explore Safari | |
| | Navigate Web Pages | |
| | Use Tabbed Browsing | |
| | View Browsing History | |
| | | |

| | Search the Web | . 226 |
|-------------|---|-------|
| | Add and Use Bookmarks | . 227 |
| | Download Files | . 230 |
| | Translate Web Pages | . 231 |
| CHAPTER 13: | Emailing with the Mail App | . 233 |
| | Add an Email Account | |
| | Manually Set Up an Email Account | |
| | Open Mail and Read Messages | |
| | Reply To or Forward Email | |
| | Create and Send a New Message | |
| | Format Email | |
| | Search Email | |
| | Mark Email as Unread or Flag for Follow-Up | |
| | Create an Event from Email Contents | |
| | Delete Email | |
| | Organize Email | |
| | Create a VIP List | . 256 |
| CHARTER 44 | Expanding Your iPhone Horizons with Apps | 250 |
| CHAPTER 14: | | |
| | Explore Senior-Recommended Apps | |
| | Get Applications from the App Store | |
| | Organize Your Applications on Home Screens | |
| | Organize Apps in Folders | |
| | Delete Apps You No Longer Need | |
| | Offload Apps to Keep Data | |
| | Update Apps | |
| | Purchase and Download Games | |
| | Challenge Friends in Game Center | |
| CHAPTER 15: | Socializing with Facebook, Twitter, and Instagram | . 279 |
| | A Few Social Media Dos and Don'ts | |
| | Find and Install Social Media Apps | |
| | Create a Facebook Account | |
| | Customize Facebook Settings for Your iPhone | |
| | Create a Twitter Account | |
| | Create an Instagram Account | |
| | create arr motagram / tecoaries | |

| Part 4: Enjoyiı | ng Media | 289 |
|-----------------|--|---|
| CHAPTER 16: | Shopping the iTunes Store Explore the iTunes Store Buy a Selection Rent Movies. Use Apple Pay and Wallet Set Up Family Sharing | 291 294 295 298 |
| CHAPTER 17: | Reading Books Find Books with Apple Books Buy Books Navigate a Book Adjust Brightness in Apple Books Change the Font Size and Type | 301 304 306 307 |
| CHAPTER 18: | Enjoying Music and Podcasts View the Library Contents. Create Playlists. Search for Music. Play Music Shuffle Music Listen with Your Earbuds Use AirPlay Play Music with Radio Find and Subscribe to Podcasts Play Podcasts | 312 314 315 317 320 321 322 323 324 |
| CHAPTER 19: | Taking and Sharing Photos Take Pictures with the iPhone Cameras Save Photos from the Web View an Album View Individual Photos Edit Photos Organize Photos Share Photos with Mail, Twitter, or Facebook Share a Photo Using AirDrop Share Photos Using iCloud Photo Sharing Delete Photos | 330 334 336 337 338 340 341 343 344 |

| CHAPTER 20: | Creating and Watching Videos | .347 |
|----------------|--|-------|
| | Capture Your Own Videos with the Built-In Cameras Using QuickTake for Videos Edit Videos | . 349 |
| | Play Movies or TV Shows with the TV App | |
| | Content from third-party providers | |
| | Content from iTunes | |
| | Turn On Closed-Captioning | |
| | Delete a Video from the iPhone | |
| CHAPTER 21: | Navigating with Maps | .359 |
| | Go to Your Current Location | . 360 |
| | Change Views | . 361 |
| | Zoom In and Out | . 363 |
| | Go to Another Location or a Favorite | . 365 |
| | Drop a Marker (or Pin) | |
| | Find Directions | . 368 |
| | Get Turn-by-Turn Navigation Help | . 370 |
| Part 5: Living | with Your iPhone | 375 |
| CHAPTER 22: | Keeping on Schedule with Calendar and Clock | 377 |
| | View Your Calendar | |
| | Add Calendar Events | |
| | Add Events with Siri | |
| | Create Repeating Events | |
| | View an Event | |
| | Add Alerts | |
| | Search for an Event | . 386 |
| | Delete an Event | . 386 |
| | Display Clock | . 387 |
| | Set an Alarm | . 388 |
| | Use Stopwatch and Timer | . 390 |
| CHAPTER 23: | Working with Reminders and Notifications | .393 |
| | Create a Reminder | |
| | Edit Reminder Details | . 395 |
| | Schedule a Reminder by Time, Location, | |

| | Create a List | 101 102 104 107 |
|-------------|---|--|
| CHAPTER 24: | Keeping Tabs on Your Health4Health App Overview4Apps that Health can collaborate with4What equipment connects with Health4Create Your Medical ID4Become an Organ Donor4View Health App Data4Import and Export Health Data4View Health Records4 | 112 115 115 116 117 118 |
| CHAPTER 25: | Troubleshooting and Maintaining Your iPhone 4 Keep the iPhone Screen Clean 4 Protect Your Gadget with a Case 4 Extend Your iPhone's Battery Life 4 Deal with a Nonresponsive iPhone 4 Update the iOS Software 4 Find a Missing Apple Device 4 Back Up to iCloud 4 | 124 125 126 127 128 130 |
| INDEX | | 1 35 |

Introduction

f you bought this book (or are even thinking about buying it), you've probably already made the decision to buy an iPhone. Apple's iPhone is designed to be easy to use, but you can still spend hours exploring the preinstalled apps, discovering how to change settings, and figuring out how to sync the device to your computer or through iCloud. (If you don't know what that is, we dive into it in Chapter 4.) I've invested those hours so that you don't have to — and I've added advice and tips so that you can become an expert with your iPhone.

This book will get you going with your iPhone quickly and painlessly so that you can move directly to the fun part.

About This Book

This book is specifically written for mature people like you. Folks who may be relatively new to using a smartphone and want to discover the basics of buying an iPhone, making and receiving phone and video calls, working with apps, getting on the Internet, enjoying music and photos, and discovering all of the other tricks your iPhone can do. In writing this book, I've tried to consider the types of activities that might interest someone who is 50 years old or older and picking up an iPhone for the first time.

Foolish Assumptions

This book is organized by sets of tasks. These tasks start from the beginning, assuming that you've never laid your hands on an iPhone, and guide you through basic steps using nontechnical language.

This book covers going online using either a Wi-Fi or cellular connection, browsing the web (Chapter 12), and checking email (Chapter 13).

I'm also assuming that you'll want to use the Apple Books e-reader app, so I cover its features in Chapter 17. I tackle all kinds of neat things you can do with your iPhone, such as monitoring use of your iPhone and its apps (Chapter 5), discovering new apps (Chapter 14), taking and sharing your photos and videos (Chapters 19 and 20, respectively), tracking your health (Chapter 24), and much more!

Icons Used in This Book

Icons are tiny pictures in the margin of pages that call your attention to special advice or information, such as:



These brief pieces of advice help you to take a skill further or provide alternate ways of getting things done.



Heads up! This may be difficult or expensive to undo.





This is information that's so useful, it's worth keeping in your head, not just on your bookshelf.

REMEMBER



Maybe this isn't essential information, but it's neat to know.

Beyond the Book

There's even more iPhone information on www.dummies.com. This book's Cheat Sheet offers tips on using Siri and suggests all kinds of apps that you can use to make the most of your iPhone. To get to the cheat sheet, go to www.dummies.com, then type iPhone For Seniors For Dummies Cheat Sheet in the Search box.

Where to Go from Here

You can work through this book from beginning to end or simply open a chapter to solve a problem or acquire a specific new skill whenever you need it. The steps in every task quickly get you to where you want to go, without a lot of technical explanation.

At the time I wrote this book, all the information it contained was accurate for the iPhone SE (1st and 2nd generations), 6s and 6s Plus, 7 and 7 Plus, 8 and 8 Plus, X (the Roman numeral for ten), XR, XS, XS Max, 11, 11 Pro, 11 Pro Max, 12, 12 mini, 12 Pro, and 12 Pro Max along with version 14 of iOS (the operating system used by the iPhone). Apple is likely to introduce new iPhone models and versions of iOS between book editions. If you've bought a new iPhone and found that its hardware, user interface, or other software on your computer mentioned in this book looks a little different, be sure to check out what Apple has to say at www.apple.com/iphone. You'll no doubt find updates there on the company's latest releases.

Getting to Know Your iPhone

IN THIS PART . . .

Meeting your new iPhone

Navigating iPhone's interface

Customizing your settings

Discovering installed apps

Activating special features

Monitoring how your iPhone is being used

- » Discover what's new in iPhones and iOS 14
- » Choose the right iPhone for you and find where to buy it
- » Understand what you need to use your iPhone
- » Explore what's in the box
- » Take a look at the gadget

Chapter $oldsymbol{1}$

Buying Your iPhone

ou've read about it. You've seen the lines at Apple Stores on the day a new version of the iPhone is released. You're so intrigued that you've decided to get your own iPhone to have a smartphone that offers much more than the ability to make and receive calls. Perhaps you're not new to smartphones but are ready to make the switch to the ultimate in such devices. iPhone also offers lots of fun apps, such as games and exercise trackers; allows you to explore the online world; lets you read e-books, magazines, and other periodicals; allows you to take and organize photos and videos; plays music and movies, and a lot more.

Trust me: You've made a good decision, because the iPhone redefines the mobile phone experience in an exciting way. It's also an absolutely perfect fit for seniors.

In this chapter, you learn about the advantages of the iPhone, as well as where to buy this little gem and associated data plans from providers. After you have one in your hands, I help you explore what's in the box and get an overview of the little buttons and slots you'll encounter — luckily, the iPhone has very few of them.

Discover the Newest iPhones and iOS 14

Apple's iPhone gets its features from a combination of hardware and its software operating system (called iOS, which is short for iPhone operating system). The most current version of the operating system is iOS 14. It's helpful to understand which new features the latest models and iOS 14 bring to the table (all of which are covered in more detail in this book).

Apple's latest additions to the iPhone family are the iPhone 12, 12 mini, 12 Pro, and 12 Pro Max. Like their predecessors, they are highly advanced smartphones that leave competitors in the dust. Here are some of the key features of the latest iPhone models:

- An A14 Bionic chip: Each of the four new iPhone models includes the new A14 chip. The truly innovative tech in these models demands a processor that can handle some heavy lifting while still being able to answer calls and retrieve email.
- **>> 5G:** The latest iPhones are the first to support 5G. 5G is the latest and by far, the fastest cellular wireless technology. 5G promises to expand the connectivity of not just our smartphones, but just about any device that supports the technology, including computers, cars, smart home devices, and so much more. 5G has the potential to change global communication, providing ridiculously fast and reliable connectivity.
- Splash, water, and dust resistance: Your new iPhone 12, 12 mini, 12 Pro, or 12 Pro Max is resistant to damage caused by water splashing onto it or from dust collecting within it.



You might consider acquiring AppleCare+, which is Apple's extended warranty, currently priced at \$149 for iPhone 12 and 12 mini, or \$199 for iPhone 12 Pro and 12 Pro Max. AppleCare+ does cover up to two incidents of accidental damage, which could more than cover the cost of repairing your iPhone without it. You can also get AppleCare+ with Theft and Loss coverage for \$50 more for iPhone 12 and 12 mini, and \$70 more for 12 Pro and 12 Pro Max.

Now, you don't want to take your iPhone 12 model deep-sea diving, but it's likely to survive submersion in about six meters of water for up to 30 minutes. Mind you, these numbers have been tested in labs and aren't based on real-world conditions. In other words, if your iPhone 12 model gets wet, it's much more likely to survive the ordeal than older iPhone iterations, but it still isn't something you'd like to see happen to your expensive investment.

- MagSafe charging: iPhone 12 models include MagSafe charging, which uses Apple's MagSafe technology to charge your iPhone with a magnetic connector that snaps onto the back of the device. Apple also has a series of accessories, such as cases and wallets, that are MagSafe compatible, meaning you can charge your iPhone even if has those accessories attached.
- Ceramic Shield: The toughness and durability of Apple's screens just keeps getting better. Ceramic Shield was developed by Apple and Corning, and according to them, it's the toughest screen ever for a smartphone, making it four times more likely than other smartphones to survive a drop unscathed.



Don't think your iPhone is unbreakable. Cases are still a good — no, make that a great — idea. As a matter of fact, Apple has a line of cases that not only protect your iPhone but also allow for wireless Qi or MagSafe charging.

Any iPhone model from the iPhone SE (1st generation) forward can use most features of iOS 14 if you update the operating system (discussed in detail in Chapter 3); this book is based on version 14 of iOS. This update to the operating system adds many features, including (but definitely not limited to) the following:

- » Home screen enhancements: Your Home screens are where all your apps are organized. iOS 14 introduces features such as App Library, the ability to hide entire Home screen pages, and enhanced widgets.
- Siri improvements: Siri just keeps getting better. Siri can now speak in more languages and voices, send audio messages, and

- includes 20 times more facts than in previous iterations. Siri also has a more compact presence on your screen, so the entire screen isn't taken up when using the feature.
- >> Widgets: With iOS 14, you can now place widgets on your Home screen. Widgets are snippets of information, such as weather and calendar appointments, that are provided at a glance so that you don't have to open individual apps. Widgets were once only available on the Today screen, but now you can place them anywhere you like, and you can also customize their size and appearance.
- » App Library: The App Library affords you a new way to organize and access your apps, alongside the traditional way of doing so with your Home screen(s). Apps are automatically organized in the App Library according to category.
- Sompact Calls and Picture-In-Picture (PIP): In the "old-timey" days before iOS 14, phone calls and FaceTime calls would take up your entire screen. Now those calls only take up a small portion of your screen (if you like), allowing you to multitask while talking.
- >> **Translate:** iOS 14 introduces the new Translate app. Translate allows you to carry on a conversation in 11 different languages. It also offers a mode that allows you and another person to speak to one another in your native languages while Translate instantly displays the translation for each of you. It's almost like something out of *Star Trek*.



TIP

Don't need or use all the built-in apps? You can remove them from your Home screen. When you remove a built-in app from your Home screen, you aren't deleting it — you're hiding it. This is due to security reasons that are beyond the scope of this book. However, the built-in apps take up very little of your iPhone's storage space, and they can easily be added back to your Home screen by searching for them in the App Store and tapping the Get button.

These are but a very few of the improvements made to the latest version of iOS. I suggest visiting www.apple.com/ios/ios-14 to find out more.

Choose the Right iPhone for You

The sizes of the latest iPhone 12 models vary:

- >> iPhone 12 measures 2.82" by 5.78" (6.1" diagonally) with a depth of .29 inches (see **Figure 1-1**).
- » iPhone 12 mini measures 2.53" by 5.18" (5.4" diagonally) with a depth of .29 inches (also shown in **Figure 1-1**).
- » iPhone 12 Pro measures 2.82" by 5.78" (6.1" diagonally) with a depth of .29 inches (see **Figure 1-2**).
- » iPhone 12 Pro Max measures 3.07" by 6.33" (6.7" diagonally) with a depth of .29 inches (also shown in **Figure 1-2**).

You can get iPhone 12 in white, black, blue, green, and a beautiful PRODUCT RED version. iPhone 12 Pro and 12 Pro Max both come in gold, silver, graphite, and a great-looking Pacific Blue.

Other differences between iPhone models come primarily from the current operating system, iOS 14.

Not sure whether to get an iPhone 12 model? Here are a few more key differences:

- The battery life of the iPhone 12 Pro Max is longer than the other models. For example, audio playback time on the 12 Pro Max is rated at 80 hours versus 65 hours on the 12 and 12 Pro, with the 12 mini maxing out at 50 hours.
- iPhone 12 Pro and 12 Pro Max have triple rear-facing cameras, providing amazing optical zoom, Portrait mode, and other features. The 12 and 12 mini has dual rear-facing cameras.
- Screen resolution: The higher the resolution, the crisper the phone display. The iPhone 12 and 12 Pro provide 2532 x 1170 resolution; 12 mini boasts 2340 x 1080; and 12 Pro Max provides a stunning 2778 x 1284.

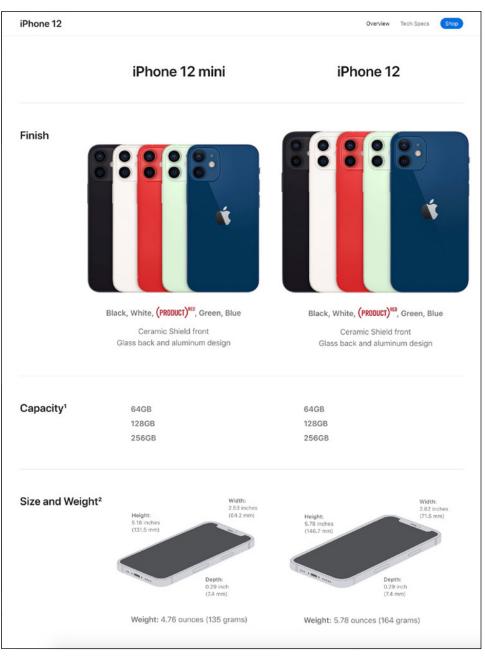


FIGURE 1-1



FIGURE 1-2

Table 1–1 gives you a quick comparison of iPhone XR, 11, SE (2nd generation), 12, 12 mini, 12 Pro, and 12 Pro Max (models currently sold by Apple). All costs are as of the time this book was written. (Some carriers may introduce non-contract terms.)

TABLE 1-1 iPhone Model Comparison

| Model | Storage | Cost (may vary by carrier) | Carriers |
|------------------------|---------------------|-------------------------------|---------------------------------|
| XR | 64 and 128GB | from \$499 | AT&T, Verizon, Sprint, T-Mobile |
| 11 | 64, 128, and 256GB | from \$599 | AT&T, Verizon, Sprint, T-Mobile |
| SE (2nd generation) | 64, 128, and 256GB | from \$399 | AT&T, Verizon, Sprint, T-Mobile |
| 12 | 64, 128, and 256GB | from \$799 | AT&T, Verizon, Sprint, T-Mobile |
| 12 mini | 64, 128, and 256GB | from \$699 | AT&T, Verizon, Sprint, T-Mobile |
| 12 Pro | 128, 256, and 512GB | from \$999 | AT&T, Verizon, Sprint, T-Mobile |
| 12 Pro Max | 128, 256, and 512GB | from \$1099 | AT&T, Verizon, Sprint, T-Mobile |



TIP

One exciting pricing option is the iPhone Upgrade Program. You choose your carrier, get an unlocked phone so you can change carriers, and receive Apple Care + to cover you in case your phone has problems, all starting at a cost of \$35.33 a month (depending on the iPhone model you select). Data usage from your carrier will come on top of that. Check out www.apple.com/shop/iphone/iphone-upgrade-program for more information.

Decide How Much Storage Is Enough

Storage is a measure of how much information — for example, movies, photos, and software applications (apps) — you can store on a computing device. Storage can also affect your iPhone's performance when handling such tasks as streaming favorite TV shows from the World Wide Web or downloading music.



TIP

Streaming refers to playing video or music content from the web (or from other devices) rather than playing a file stored on your iPhone. You can enjoy a lot of material online without ever downloading its full content to your phone — and given that the most storage endowed iPhone model has a relatively small amount of storage, that isn't a bad idea. See Chapters 18 and 20 for more about getting your music and movies online.

Your storage options with an iPhone 12 or 12 mini are 64, 128, and 256 gigabytes (GB), while 12 Pro and 12 Pro Max are 128, 256, and 512 gigabytes. You must choose the right amount of storage because you can't open the unit and add more as you usually can with a desktop computer. However, Apple has thoughtfully provided iCloud, a service you can use to back up content to the Internet (you can read more about that in Chapter 4).

How much storage is enough for your iPhone? Here's a guideline:

- If you like lots of media, such as movies or TV shows, you might need 512GB.
- For most people who manage a reasonable number of photos, download some music, and watch heavy-duty media such as movies online, 128GB may be sufficient. But if there's any possibility you may take things up a notch in the future regarding media consumption and creation (such as the newest grandchild being on the way soon), you should probably seriously consider 256GB.
- If you simply want to check email, browse the web, keep your calendar up to date, and write short notes to yourself, 64GB likely is plenty.



Do you know how big a *gigabyte* (GB) is? Consider this: Just about any computer you buy today comes with a minimum of 256GB of storage. Computers have to tackle larger tasks than iPhones, so that number makes sense. The iPhone, which uses a technology called *flash storage* for storing data, is meant (to a great extent) to help you experience online media and email; it doesn't have to store much since it pulls lots of content from the Internet. In the

world of storage, 32GB for any kind of storage is puny if you keep lots of content (such as audio, video, and photos) on the device.

What's the price for larger storage? For the iPhone 12, a 64GB unit costs \$799; 128GB is \$849; and 256GB will set you back \$949. iPhone 12 mini with 64GB goes for \$699, 128GB at \$749, and 256GB for \$849. iPhone 12 Pro with 128GB is \$999; 256GB is \$1099; and the model tops out at \$1299 for 512GB. Not to be outdone, iPhone 12 Pro Max is the priciest: \$1099 for 128GB; \$1199 for 256GB; and \$1,399 for 512GB. Note that prices may vary by carrier and where you buy your phone.

Understand What You Need to Use Your iPhone

Before you head off to buy your iPhone, you should know what other connections and accounts you'll need to work with it optimally.

At a bare minimum, to make standard cellular phone calls, you need to have a service plan with a cellular carrier (such as AT&T or Verizon), as well as a data plan that supports iPhone. The data plan allows you to exchange information over the Internet (such as emails and text messages) and download content (such as movies and music). Try to verify the strength of coverage in your area, as well as how much data your plan provides each month, before you sign up.

You also need to be able to update the iPhone operating system (iOS) and share media (such as music) among Apple devices. Though these functions can be utilized without a phone carrier service plan, you have to plug your phone into your computer to update the operating system or you may also update wirelessly over a network. You need to use a local Wi-Fi network to go online and make calls using an Internet service, such as FaceTime or Skype.



Given the cost and high-tech nature of the iPhone, having to juryrig these basic functions doesn't make much sense. Trust me: Get an account and data plan with your phone service provider.