LEARNING MADE EASY

12th Edition

iPad®

FOR SENIORS

for dummies®
A Wiley Brand

Master the multitouch interface

Cue up music and movies and let your iPad entertain you

Stay connected with email, social apps, and video chat

Dwight Spivey
Happy tech geek and author of
iPhone For Seniors For Dummies

iPad For Seniors

12th Edition

by Dwight Spivey

for dummies®
A Wiley Brand

iPad For Seniors For Dummies®, 12th Edition

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

Copyright © 2020 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 www.wiley.com/techsupport.

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: 2020931671

ISBN 978-1-119-60792-2 (pbk); ISBN 978-1-119-60795-3 (ebk); ISBN 978-1-119-60801-1

Manufactured in the United States of America

10 9 8 7 6 5 4 3 2 1

Contents at a Glance

Introduction 1

Part 1: Getting to Know Your iPad 5
CHAPTER 1: Buying Your iPad 7
CHAPTER 2: Exploring Your iPad 23
CHAPTER 3: Beyond the Basics 57
CHAPTER 4: Managing and Monitoring iPad Usage 71

Part 2: Beginning to Use Your iPad 89
CHAPTER 5: Making Your iPad More Accessible 91
CHAPTER 6: Conversing with Siri 117
CHAPTER 7: Expanding Your iPad Horizons with Apps 135
CHAPTER 8: Managing Contacts 149
CHAPTER 9: Getting Social with Your iPad 163
CHAPTER 10: Browsing with Safari 191
CHAPTER 11: Working with Email in Mail 209

Part 3: Enjoying Media 231
CHAPTER 12: Shopping the iTunes Store 233
CHAPTER 13: Reading Books 245
CHAPTER 14: Enjoying Music and Podcasts 265
CHAPTER 15: Taking and Sharing Photos 281
CHAPTER 16: Creating and Watching Videos 299

Part 4: Living with Your iPad 313
CHAPTER 17: Keeping on Schedule with Calendar and Clock 315
CHAPTER 18: Working with Reminders and Notifications 337
CHAPTER 19: Making Notes 355
CHAPTER 20: Getting the News You Need 369
CHAPTER 21: Using Utilities 379
CHAPTER 22: Troubleshooting and Maintaining Your iPad 391

Index 403

Table of Contents

INTRODUCTION 1
About This Book 1
Foolish Assumptions 1
Icons Used in This Book 2
Beyond the Book 2
Where to Go from Here 3

PART 1: GETTING TO KNOW YOUR IPAD 5

CHAPTER 1: **Buying Your iPad** 7
Discover the Newest iPads and iPadOS 13 8
Choose the Right iPad for You 11
Decide How Much Storage Is Enough 13
Know What Else You May Need: Internet and Computer 14
Use basic Internet access for your iPad 14
Pair your iPad with a computer 15
Choose Wi-Fi Only or Wi-Fi + Cellular 15
Consider iPad Accessories 17
Explore What's in the Box 18
Take a First Look at the Gadget 18

CHAPTER 2: **Exploring Your iPad** 23
See What You Need to Use iPad 23
Turn On iPad for the First Time 24
Meet the Multitouch Screen 25
Say Hello to Tap and Swipe 28
The Dock 33
Display and Use the Onscreen Keyboard 34
QuickPath 38
Use the Small Keyboard 38
Flick to Search 40
Easily Switch Between Apps 41
Use Slide Over and Split View 43
Starting with Slide Over 43
Moving to Split View 44

Examine the iPad Cameras 46
Discover Control Center 47
Understand Touch ID 49
Take a Look at Face ID 50
Lock Screen Rotation 51
Explore the Status Bar 52
Take Inventory of Preinstalled Apps 52
Lock iPad, Turn It Off, or Unlock It 55

CHAPTER 3: **Beyond the Basics** 57
Update the Operating System to iPad OS 13 58
Charge the Battery 59
Sign into an iTunes Account for Music, Movies, and More 59
Sync Wirelessly 62
Understand iCloud 64
Turn on iCloud Drive 65
Setup iCloud Sync 66
Browse Your iPad's Files 67

CHAPTER 4: **Managing and Monitoring iPad Usage** 71
Meet Screen Time 72
Create Some Downtime 75
Allow Certain Apps During Downtime 76
Set App Limits 78
Set Content and Privacy Restrictions 81
Manage Children's Accounts 86

PART 2: BEGINNING TO USE YOUR IPAD 89

CHAPTER 5: **Making Your iPad More Accessible** 91
Use Magnifier 92
Set Brightness and Night Shift 94
Change the Wallpaper 96
Set Up VoiceOver 98
Use VoiceOver 101
Make Additional Vision Settings 102
Use iPad with Hearing Aids 104
Adjust the Volume 106

Set Up Subtitles and Captioning 107
Turn On and Work with AssistiveTouch 108
Turn On Additional Physical and Motor Settings. 110
Focus Learning with Guided Access 111
Control Your iPad with Voice Control 113

CHAPTER 6: **Conversing with Siri** 117
Activate Siri 118
Understand All That Siri Can Do. 120
Get Suggestions 124
Call Contacts via FaceTime 124
Create Reminders and Alerts 125
Add Tasks to Your Calendar 126
Play Music 127
Get Directions 128
Ask for Facts 130
Search the Web 130
Send Email, Messages, or Tweets 131
Use Dictation. 131
Translate Words and Phrases 132
Type Your Commands or Questions 133

CHAPTER 7: **Expanding Your iPad Horizons with Apps** 135
Search the App Store 136
Get Applications from the App Store 138
Organize Your Applications on Home Screens 140
Organize Apps in Folders 143
Delete Apps You No Longer Need 145
Update Apps 146
Purchase and Download Games 147

CHAPTER 8: **Managing Contacts** 149
Add a Contact 150
Sync Contacts with iCloud. 153
Assign a Photo to a Contact 155
Add Social Media Information 158
Assign a Relationship Label to a Contact 160
Delete a Contact 161

CHAPTER 9: **Getting Social with Your iPad** 163
Understand Who Can Use FaceTime. 164
Make a FaceTime Call with Wi-Fi or Cellular. 165
Accept and End a FaceTime Call. 167
Switch Views 169
Set Up an iMessage Account 170
Use Messages to Address, Create, and Send Messages. 172
Read Messages. 173
Clear a Conversation 174
Send Emojis in Place of Text. 175
Use the App Drawer. 176
Send and Receive Audio 179
Send a Photo or Video. 180
Send a Map of Your Location 182
Understand Group Messaging. 183
Activate the Hide Alerts Feature 184
Find and Install Social Media Apps 185
Create a Facebook Account 186
Create a Twitter Account. 187
Create an Instagram Account. 188

CHAPTER 10: **Browsing with Safari** 191
Connect to the Internet. 192
Explore Safari 193
Navigate among Web Pages. 194
Use Tabbed Browsing 196
View Browsing History. 198
Search the Web 200
Add and Use Bookmarks. 201
Save Links and Web Pages to Safari Reading List 204
Enable Private Browsing 206
Download Files 206

CHAPTER 11: **Working with Email in Mail** 209
Add an Email Account 210
Manually Set Up an Email Account 212
Open Mail and Read Messages 214
Reply To or Forward Email 216

Create and Send a New Message 218
Format Email. 220
Search Email 224
Mark Email as Unread or Flag for Follow-Up 225
Create an Event from Email Contents. 227
Delete Email 228

PART 3: ENJOYING MEDIA 231

CHAPTER 12: **Shopping the iTunes Store** 233
Explore the iTunes Store. 234
Find a Selection 236
Preview Music, a Video, or an Audiobook 239
Buy a Selection 240
Rent Movies. 241
Use Apple Pay and Wallet 242
Set Up Family Sharing 243

CHAPTER 13: **Reading Books** 245
Find Books with Apple Books 246
Explore Other E-Book Sources 249
Buy Books 251
Navigate a Book 252
Adjust Brightness in Apple Books 254
Change the Font Size and Type 256
Search in Your Book. 258
Use Bookmarks and Highlights 260
Set Reading Goals 263

CHAPTER 14: **Enjoying Music and Podcasts** 265
View the Library Contents. 266
Create Playlists 269
Search for Music. 271
Play Music 272
Shuffle Music 275
Use AirPlay 276
Find and Subscribe to Podcasts 276
Play Podcasts 279

CHAPTER 15: **Taking and Sharing Photos** 281
Take Pictures with the iPad Cameras 282
View an Album 286
View Individual Photos 287
Edit Photos 288
Organize Photos 290
Share Photos with Mail, Twitter, or Facebook 292
Share a Photo Using AirDrop 293
Share Photos Using iCloud Photo Sharing 295
Print Photos 296
Delete Photos 297

CHAPTER 16: **Creating and Watching Videos** 299
Capture Your Own Videos with the Built-In Cameras 300
Edit Videos 302
Play Movies or TV Shows with TV 303
Turn On Closed-Captioning 309
Delete a Video from the iPad 310

PART 4: LIVING WITH YOUR IPAD 313

CHAPTER 17: **Keeping on Schedule with Calendar and Clock** 315
View Your Calendar 316
Add Calendar Events 319
Add Events with Siri 320
Create Repeating Events 321
View an Event 322
Add Alerts 322
Search for an Event 324
Create a Calendar Account 325
Use a Family Calendar 327
Delete an Event 329
Display Clock 330
Delete a Clock 331
Set an Alarm 332

Set Bedtime and Waking Alerts 334
Use Stopwatch and Timer 335

CHAPTER 18: **Working with Reminders and Notifications** 337
Create a Reminder 338
Edit Reminder Details 339
Schedule a Reminder by Time, Location, or When Messaging 341
Create a List 343
Sync with Other Devices and Calendars 344
Mark as Complete or Delete a Reminder 346
Set Notification Types 348
View Notification Center 351
Get Some Rest with Do Not Disturb 353

CHAPTER 19: **Making Notes** 355
Open a Blank Note 355
Use Copy and Paste 359
Insert a Picture 361
Add a Drawing 363
Apply a Text Style 365
Create a Checklist 366
Delete a Note 368

CHAPTER 20: **Getting the News You Need** 369
Read Your News 369
See Who or What Is in the Spotlight 372
Follow Favorite Channels and Topics 373

CHAPTER 21: **Using Utilities** 379
Record Voice Memos 379
Measure Distances 382
Find a Missing Apple Device 385
An Overview of the Home App 388

CHAPTER 22: **Troubleshooting and Maintaining Your iPad** 391
Keep the iPad Screen Clean 392
Protect Your Gadget with a Case 393
Extend Your iPad's Battery Life 393
What to Do with a Nonresponsive iPad 395
Update the iPadOS Software 396
Restore the Sound 397
Get Support 399
Back Up to iCloud 400

INDEX 403

Introduction

If you bought this book (or are even thinking about buying it), you've probably already made the decision to buy an iPad. The iPad is designed to be easy to use, but you can still spend hours exploring the preinstalled apps, configuring settings, and learning out how to sync the device to your computer or through iCloud. I've invested those hours so that you don't have to — and I've added advice and tips for getting the most from your iPad.

This book helps you get going with your iPad 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 tablet and want to discover the basics of buying an iPad, working with its preinstalled apps, getting on the Internet, and using social media. 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 iPad 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 iPad, 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 10), and checking email (Chapter 11). I'm also assuming that you'll want to use the Apple Books e-reader app, so I cover its features in Chapter 13. I also assume that you might be interested in getting to know Apple's personal assistant, Siri, so I give you an overview of it in Chapter 6. Not to mention covering other great things you can do with your iPad, such as monitoring use

of your iPad and its apps (Chapter 4), taking and sharing your photos and videos (Chapters 15 and 16, respectively), getting the latest news (Chapter 20), 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 alternative 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.

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

Beyond the Book

Like every *For Dummies* book, this one comes with a free Cheat Sheet that brings together some of the most commonly needed information for people learning to use, in this case, the iPad. To get the Cheat Sheet, head for `www.dummies.com` and enter *iPad 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 12.9-inch iPad Pro (1st, 2nd, and 3rd generations), 11-inch iPad Pro, 10.5-inch iPad Pro, 9.7-inch iPad Pro, 9.7-inch iPad (6th generation, a.k.a. "iPad 2018"), iPad Air 2, iPad Air (3rd generation), iPad (5th, 6th, and 7th generations), iPad mini (5th generation), iPad mini 4, version 13 of iPadOS (the operating system used by the iPad), and version 12.9 or later of iTunes. Apple may introduce new iPad models and new versions of iOS and iTunes between book editions. If you've bought a new iPad and found that its hardware, user interface, or the version of iTunes on your computer looks a little different, be sure to check out what Apple has to say at `www.apple.com/iPad`. You'll no doubt find updates there on the company's latest releases.

1 Getting to Know Your iPad

IN THIS PART . . .

Starting out with your iPad

Navigating the home screen

Updating and synchronizing your iPad

Discovering preinstalled apps

Activating special features

Seeing how your iPad is being used

IN THIS CHAPTER

- Discovering what's new in iPads and iPadOS 13
- Choosing the right iPad for you
- Understanding what you need to use your iPad
- Exploring what's in the box
- Taking a look at the gadget

Chapter 1
Buying Your iPad

You've read about it. You've seen the lines at Apple Stores on the day a new version of the iPad is released. You're so intrigued that you've decided to get your own iPad. This device 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 iPad redefines the mobile computing experience in an exciting way. It's also an absolutely perfect fit for seniors.

In this chapter, you learn about the advantages of the iPad, as well as where to buy this little gem and associated data plans from providers for iPads that support cellular data. 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 iPad has very few of them.

Discover the Newest iPads and iPadOS 13

Apple's iPad gets its features from a combination of hardware and its software operating system (called *iOS*; the term is short for iPad operating system). The most current version of the operating system is iPadOS 13. It's helpful to understand which features the newest iPad models and iPadOS 13 bring to the table (all of which are covered in more detail in this book).

The iPad is currently available in various sizes, depending on the version of iPad. Here are the five basic sizes, by iPad type:

- **iPad:** The seventh-generation iPad features a touchscreen that measures 10.2 inches diagonally and sports a super-fast 64-bit desktop-class A10 Fusion processor.
- **iPad Air:** The third-generation iPad Air employs a touchscreen measuring 10.5 inches diagonally and features a 64-bit A12 Bionic processor.
- **iPad mini:** The iPad mini 5's screen measures 7.9 inches diagonally and uses a 64-bit A12 Bionic processor to do the behind-the-scenes work.
- **iPad Pro:** The two iPad Pro models are the fastest of the bunch. One measures 11 inches diagonally, and the other is 12.9 inches; they both come with blazing fast A12X Bionic processors.

Dimensions of devices are typically shown in the units of measurement commonly used in a region. This means, for example, that the basic iPad is shown on Apple's U.S. site as being 9.8 inches (250.6mm) high and 6.8 inches (174.1mm) wide. In metric-system countries, both dimensions are given, but the order is reversed. When it comes to screen sizes, however, the dimensions are given in inches.

In addition to the features of previous iPads, the latest iPad models offer

- **Screen resolution:** In addition to screen size, screen resolution has evolved so that Apple's *Retina display,* which supports very high-resolution graphics, now appears across the line. The name derives from the concept that individual pixels on the screen are so small that at normal viewing distance, they can't be distinguished.
- **Apple Pencil:** Originally designed exclusively for use with iPad Pro models, the Apple Pencil now works with all of the latest iPad models. (Be sure to check which version of Apple Pencil will work with your iPad by visiting `www.apple.com/apple-pencil`.) Apple Pencil lets you draw and write on the screen with a familiar pencil-style tool rather than with your finger. The Apple Pencil contains a battery and sophisticated processing powers that make the experience of using it very much like (and sometimes better than) traditional pencils. Third-party pencils and drawing tools exist, but Apple's integration of Apple Pencil is remarkably smooth; the product has taken off quickly among graphic artists, illustrators, and designers. As other people have discovered its usability for marking up documents, it is becoming more and more common in business environments.
- **Faster motion coprocessor:** This coprocessor processes game features, such as the gyroscope and accelerometer. The iPad Air, both iPad Pro models, and the iPad mini all feature the M12 coprocessor, while the iPad sports an M10.
- **Touch ID:** This security feature is included on all newer iPad models. Sensors in the Home button allow you to train the iPad to recognize your fingerprint and grant you access with a finger press. Touch ID also allows you to use the Apple Pay feature to buy items without having to enter your payment information every time.
- **Facial recognition:** Touch ID is replaced on the latest iPad Pro models with Face ID. Using Face ID and the front-facing camera, your iPad Pro model unlocks when it recognizes your face.
- **Barometric sensor:** On all iPad models, this sensor makes it possible for your iPad to sense air pressure around you. This feature is especially cool when you're hiking a mountain, where

the weather may change as you climb. Perhaps more to the point, the changes in barometric pressure can be sensed on a smaller scale so that elevation can be sensed and measured as you move normally.

- **More keyboard options:** The iPad Pro has a full-size onscreen keyboard. Because the screen has more space, the top of the keyboard can contain extra commands for filling in passwords and using more advanced input techniques.
- **Smart Connector for Smart Keyboard:** Additionally, you can use a Smart Connector to hook up a Smart Keyboard, which makes getting complex work done much easier.
- **Live photos:** Using the 3D Touch feature, you can press a photo on the screen to make it play like a short video. The Camera app captures 1.5 seconds on either side of the moment when you capture the photo, so anything moving in the image you photographed, such as water flowing in a stream, seems to move when you press the still photo.

The iPadOS 13 update to the operating system adds many features, including (but definitely not limited to)

- **Performance enhancements:** Apple promises that iPadOS 13 will increase the speed and performance of your iPad, including older models going back as far as iPad Air 2. From apps to keyboards to taking pictures, everything gets a speed upgrade.
- **Siri improvements:** Siri just keeps getting better. Siri can now speak in more natural tones and cadence, thanks to new software rendering capabilities. Siri can also give you more personalized information, including being able to find event information and reminders in other apps. And Siri can now play audio files from third-party app providers.
- **Dark Mode has arrived:** With iOS 13, you have the option of using Dark Mode, which shifts the iOS color scheme from light to dark. Dark Mode is especially helpful in low-light situations, or when you don't want to disturb others with the bright light from your iPad's screen.

- **Accessibility enhancements:** Voice Control allows you to control your iPhone entirely with your voice, dictation is much more accurate, processing of voice commands happens right on your iPhone (as opposed to being transmitted to an online location and then returned to your iPhone), Numbers and Grids help to make more accurate selections, and the list goes on.
- **Upgrades to Photos:** The Photos app receives some love in iPadOS 13, allowing for faster and more accurate searches of your Photos Library, better organization, better filters, enhanced and non-destructive video editing, and other features make this a great update.
- **Built-in apps have been updated:** iPadOS 13 provides performance enhancements and interface upgrades for all of the apps that come pre-installed with it.

TIP

Don't need or use all the built-in apps? If so, 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 iPad's storage space, and you can easily add them 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 iPadOS. I highly suggest visiting `www.apple.com/ipados` to find out more.

Choose the Right iPad for You

The most obvious differences among iPad models are their thickness and weight, with the Pro being biggest, followed by iPad Air, then iPad (shown along with a few Apple accessories in **Figure 1-1**), and finally the smallest, iPad mini. All three models come in space gray and silver, and the iPad Air, iPad, and iPad mini offer a third option, gold.

Image courtesy of Apple, Inc.

FIGURE 1-1

All four models come in Wi-Fi only for accessing a Wi-Fi network for Internet access, or Wi-Fi + Cellular for connecting to the Internet through Wi-Fi or a cellular network (as your cellphone does). The iPad models also differ slightly in available memory and price based on that memory (prices are accurate as of this writing and are subject to change):

- **iPad Pro 11-inch:** Wi-Fi models come in 64GB for $799, 256GB for $949, 512GB for $1,149, and 1TB for $1,349; Wi-Fi + Cellular models come in 64GB for $949, 256GB for $1,099, 512GB for $1,299, and 1TB for $1,499.
- **iPad Pro 12.9-inch:** Wi-Fi models come in 64GB for $999, 256GB for $1,149, 512GB for $1,349, and 1TB for $1,549; Wi-Fi + Cellular models come in 64GB for $1,149, 256GB for $1,299, 512GB for $1,499, and 1TB for $1,699.
- **iPad Air:** Wi-Fi models come in 64GB for $499 and 256GB for $649; Wi-Fi + Cellular models come in 64GB for $629 and 256GB for $779.

- **iPad:** Wi-Fi models come in 32GB for $329 and 128GB for $429; Wi-Fi + Cellular models come in 32GB for $459 and 128GB for $559.
- **iPad mini:** The Wi-Fi model comes in 64GB for $399 and 256GB for $549, and the Wi-Fi + Cellular model comes in 64GB for $529 and 256GB for $679.

Finally, the iPad models vary in screen quality and resolution, camera quality, and so on. Logically, the bigger the iPad, the bigger the price and higher the quality.

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 iPad'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 iPad. You can enjoy a lot of material online without ever downloading its full content to your iPad.

Your storage options with the various iPad models range from 32 gigabytes (GB) to 1 terabyte (TB), which is equivalent to 1,000GB. You must choose the right amount of storage because you can't open the unit and add more as you typically 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 iCloud in Chapter 3.)

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

- If you like lots of media, such as movies or TV shows, you may need at least 256GB.

- For most people who manage a reasonable number of photos, download some music, and watch heavy-duty media, such as movies online, 128GB is probably sufficient.
- If you simply want to check email, browse the web, and write short notes to yourself, 32GB likely is plenty.

Know What Else You May Need: Internet and Computer

Although you can use your iPad on its own without any Internet or Wi-Fi access and without a computer to pair it with, it's easier if you have Internet access and a computer that you can (occasionally) use with your iPad.

Use basic Internet access for your iPad

You need to be able to connect to the Internet to take advantage of most iPad features. If you have an Apple ID, you can have an iCloud account, Apple's online storage service, to store and share content online, and you can use a computer to download photos, music, or applications from non-Apple online sources (such as stores, sharing sites, or your local library) and transfer them to your iPad through a process called *syncing.* You can also use a computer or iCloud to register your iPad the first time you start it, although you can have the folks at the Apple Store handle registration for you if you have an Apple Store nearby. If you don't have a store nearby, visit `www.apple.com/shop/help` for assistance.

You can set up your iPad without an Internet connection and without going to an Apple Store: The best way to find out more information is to contact `http://support.apple.com` through an Internet connection on another device or at a public library or Internet cafe.

Can you use your iPad without owning a computer and just use public Wi-Fi hotspots to go online (or a cellular connection, if you have such

a model)? Yes. To go online using a Wi-Fi–only iPad and to use many of its built-in features at home, however, you need to have a home Wi-Fi network available.

Pair your iPad with a computer

For syncing with a computer, Apple's iPad User Guide recommends that you have

- A Mac or PC with a USB port and one of the following operating systems:
  - macOS X version 10.9 or later
  - Windows 7 or later
- iTunes 12.8 or newer on a Mac running macOS El Capitan (10.11.6) through macOS Mojave (10.14.6), the Finder on Mac's running macOS Catalina (10.15), and iTunes 12.9 or newer on a PC, available at `www.itunes.com/download`
- An Apple ID and iTunes Store account
- Internet access
- An iCloud account

Apple has set up its iTunes software and the iCloud service to give you two ways to manage content for your iPad — including movies, music, or photos you've downloaded — and specify how to sync your calendar and contact information.

There are a lot of tech terms to absorb here (iCloud, iTunes, syncing, and so on). Don't worry: Chapters 2 and 3 cover those settings in more detail.

Choose Wi-Fi Only or Wi-Fi + Cellular

You use Wi-Fi to connect to a wireless network at home or at locations such as an Internet cafe, a library, a grocery store, or a bus, train, plane, or airport that offers Wi-Fi. This type of network uses

short-range radio to connect to the Internet; its range is reasonably limited, so if you leave home or walk out of the coffee shop, you can't use it anymore. (These limitations may change, however, as some towns are installing community-wide Wi-Fi networks.)

The cellular technologies allow an iPad to connect to the Internet via a widespread cellular network. You use it in much the same way that you make calls from just about anywhere with your cellphone. A Wi-Fi + Cellular iPad costs additional money when compared to the basic Wi-Fi–only model, but it also includes GPS (Global Positioning System) service, which pinpoints your location so that you can get more accurate driving directions.

Also, to use your cellular network in the United States, you must pay a monthly fee. The good news is that no carrier requires a long-term contract, which you probably had to have when you bought your cellphone and its service plan. You can pay for a connection during the month you visit your grandkids, for example, and get rid of it when you arrive home. Features, data allowance (which relates to accessing email or downloading items from the Internet, for example), and prices vary by carrier and could change at any time, so visit each carrier's website (see the following tip) to see what it offers. Note that if you intend to stream videos (watch them on your iPad from the Internet), you can eat through your data plan allowance quickly.

How do you choose? If you want to wander around the woods or town — or take long drives with your iPad continually connected to the Internet to get step-by-step navigation info from the Maps app — get Wi-Fi + Cellular and pay the additional costs. If you'll use your iPad mainly at home or via a Wi-Fi *hotspot* (a location where Wi-Fi access to the Internet is available, such as a local coffee shop or book store), don't bother with cellular. Frankly, you can find *lots* of hotspots at libraries, restaurants, hotels, airports, and other locations.

If you have a Wi-Fi–only iPad, you can use the hotspot feature on a smartphone, which allows the iPad to use your phone's cellular connection to go online if you have a data-use plan that supports hotspot use with your phone service carrier. Check out the features of your phone to turn on the hotspot feature.