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1

Welcome to iPad 2!

iPad 2 is a multimedia tablet like no other. Its rich graphics and seamless integration with iTunes makes it perfect for work and play. Most tasks requiring a laptop can be carried out on the iPad which is light, power-efficient, instantly-on and incredibly intuitive to use. It also has an huge number of third-party apps to expand its already impressive capabilities.

Welcome to the iPad!

Congratulations on buying an iPad, a sophisticated multimedia tablet computer capable of playing music, dealing with emails, browsing the web, organizing your calendar and thousands of other applications! Or maybe you haven't bought the iPad yet but are considering doing so. Let's look at what you can use the iPad for:

- Listening to music
- Recording and watching videos
- Taking photos
- Reading ebooks
- Browsing the web
- Doing emails
- Organizing contacts and calendars
- FaceTime video chats, playing games, and much more



Beware



Depending on your needs, the iPad may not be a laptop replacement. Assess your needs carefully before buying one!

Will it replace my laptop?

Probably not, although for many functions it can be used instead of a laptop. It depends on what you use your laptop for. If you mainly do web browsing, check emails and use social networking apps then the iPad can easily replace your laptop. If, on the other hand, you use your laptop to generate PowerPoint slides or create complex documents then the iPad may not be ideal since some functions are missing from the iPad.

What's missing from the iPad?

There are features found on laptops and desktops that are missing from the iPad. At present there is no:

- SD card slot
- USB slots (though the Apple Camera Kit does have a 30 pin plug which has a USB socket at one end but this is to connect your camera rather than attach other devices)
- The ability to access files and drag them around or drop into folders is not available on the iPad. You can get files on there but it's clunky and not very intuitive.

Don't forget



Apple's website has Q&A and loads of helpful tips on using the iPad.

iPad Specifications

Screen	1024 x 768 pixels, high resolution, 132 pixels/inch
Weight	601g Wi-Fi model, 613g Wi-Fi + 3G model
Height	241.2mm
Width	185.7mm
Depth	8.8mm
Capacity	16, 32 or 64GB flash drive
Processor	1GHz dual-core Apple A5 low-power system-on-a-chip
Sensors	Three-axis gyro, Accelerometer, Ambient light sensor
TV & Video	Video mirroring and video out support: up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter. Support for 1024 x 768 pixels with Dock Connector to VGA Adapter. 576p and 480p with Apple Component AV cable 480i with Apple Composite AV cable
Cameras	Back: (HD 720p, still with 5X digital zoom. Front: video VGA and VGA still camera
Battery	Built-in 24 watt-hour rechargeable. 10 hours web surfing on Wi-Fi 9 hours web surfing using 3G data network
Inputs & Outputs	Dock Connector port 3.5mm stereo headphone jack
Built-in speaker	
Microphone	
Micro-SIM card tray (Wi-Fi + 3G models only)	



Finding Your Way Around

The physical buttons and controls on the iPad are very simple. Additional functions such as screen brightness are software-controlled.



Hot tip



The App Tray is where you will find software controls for Screen Lock, brightness and the iPod.

Double-click the Home Button to bring up the App Tray. Slide this to the right and the software controls for brightness, volume and other functions will appear.



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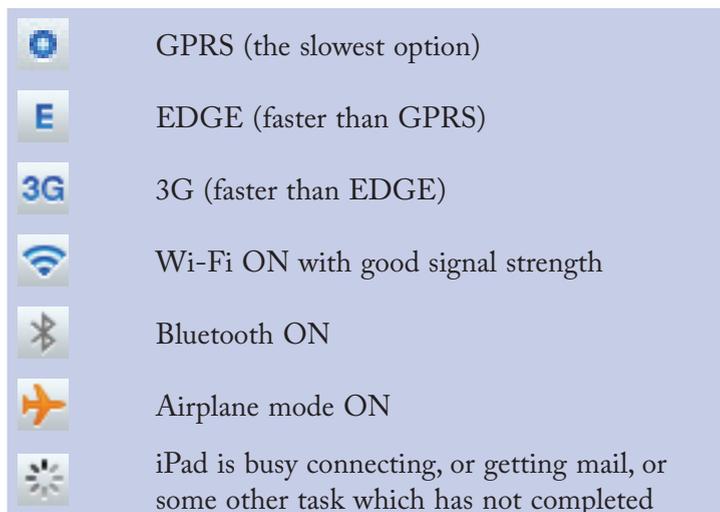
The **network data icons** at the top of the screen are pretty much like those found on the iPhone.



The fastest data connection is Wi-Fi. If no Wi-Fi is available you will need to use 3G which is fairly fast. Unfortunately as you move around, the 3G signal will come and go so you may see the 3G disappear and be replaced by the EDGE symbol (E). EDGE is slower than 3G. If you're *really* unlucky the EDGE signal may vanish and you may see the GPRS symbol. GPRS is *very* slow!

If you travel by air you'll need to switch to Airplane mode which switches off all the antennae so you will not be able to send or receive radio signals.

If you activate Bluetooth (**Settings > General > Bluetooth**) you'll see its symbol at the top right of the screen.



The GPRS, EDGE and 3G icons are seen on the Wi-Fi + 3G models only.

Beware



You must switch off the iPad radios during the flight.

Home Button & Screen

There are very few actual physical buttons on the iPad but the Home Button is an important one. The Home Button functions have changed with the arrival of iOS4.2, allowing you to see active apps in the App Tray.

You can now quit active multitasking apps (previously this was not possible with the iPad).

Hot tip



You can see your active apps by bringing up the App Tray. If an app is misbehaving, quit it using the App Tray.

- If you're on the Home Screen (the first screen) it takes you to Search
- If you're on any other screen it takes you right back to the Home Screen and saves you having to flick the screens to the left
- When using the iPod application with Home Button it minimizes the iPod window allowing you to use other applications while listening to music
- With iOS4.2, pressing the Home Button twice brings up the App Tray (shows your active apps) and if you push the App Tray to the right you can see the controls for Screen Lock, Brightness, iPod, and Volume. AirPlay will only show if you have the latest version of Apple TV (Apple TV 2)

Beware



What you see when you slide the app tray to the right (**Mute** or **Screen Lock**) depends on what you have chosen under **Settings > General > Use Side Switch to:**. This iPad has the Side Switch set to lock the screen so the iPad needs to be muted using the software control



The App Tray

Slide to right for controls

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The **Home Screen** is the first screen you see when you start up the iPad. It contains the apps installed by Apple (and these cannot be deleted). In all, there are 17 of these (shown opposite) — 4 will be on the dock and the other 13 will be on the first screen.

The dock comes with 4 apps attached. You can move these off, add other apps (the dock can hold 6 apps in all), or you can put your favorite apps there and remove those placed on the dock by Apple.

You can move these apps to other screens if you want but it's a good idea to keep the most important or most frequently used apps on this screen.

Pre-iOS4.2 there were only 9 apps — with iOS4.3 and iPad 2 FaceTime, Camera, Photo Booth, and Game Center are new.

iBooks might be expected to be a preinstalled app but in fact you have to go to the App Store and download this free app if you want to use the iPad as an ebook reader.



Hot tip



By default there are 4 apps on the dock at the bottom of the screen. You can add 2 more if needed.

Default Applications

These are the built-in apps.



Calendar: keeps your appointments in sync with your PC or Mac using wired or wireless sync



Safari: Apple's home-grown web browser



Contacts: list of all contacts including phone numbers, email, postal addresses and notes



Mail: handles IMAP and POP3 email, and syncs to your main accounts on your computer



Notes: for jotting things down. Sync with your computer or you can email them to yourself



Photos: show your photos with slideshows or print off photos



Maps: GPS-enabled maps help you get from A to B, current position, and other information



iPod: Similar to computer version



Videos: Play movies and other video content, purchased or from your own collection



Game Center: Social gaming, lets you play games and interact with friends



YouTube: same functionality as the computer versions



Camera: shoot stills or movies using front or back cameras similar to iPhone functionality



iTunes Store: browse and buy music, movies, TV shows and more



FaceTime: video chat to others using iPad, iPhone 4 or Mac

Hot tip



iBooks is Apple's ebook reader which should have come preinstalled but for some reason you need to go to the App Store and download it (free).



App Store: your central store for paid and free apps



Photo Booth: take still images and select from a series of special effects



Settings: this is where you make changes to personalize your iPad

The Display & Keyboard

What's all the excitement about the screen? What makes it so special?

The technology behind the multi-touch screen is ingenious. Using one, two or three fingers you can do lots of different things on the iPad depending on the app you're using and what you want to do. The main actions are tap, flick, pinch/spread and drag.

The screen is designed to be used with fingers — the skin on glass contact is required (if you tap using your nail you will find it won't work). There are styluses you can buy for the iPad but for full functionality fingers on screen give the best results.

Tap	Apps open when you tap their icon. Within apps you can select photos, music, web links and many other functions. The tap is similar to a single click with a mouse on the computer
Flick	You can flick through lists like Contacts, Songs, or anywhere there's a long list. Place your finger on the screen and quickly flick up and down and the list scrolls rapidly up and down
Pinch/spread	The iPad screen responds to 2 fingers placed on its surface. To reduce the size of a photo or web page in Safari place 2 fingers on the screen and bring them together. To enlarge the image or web page spread your fingers apart and the image grows in size
Drag	You can drag web pages and maps around if you are unable to see the edges. Simply place your finger on the screen and keep it there but move the image or web page around until you can see the hidden areas

Beware



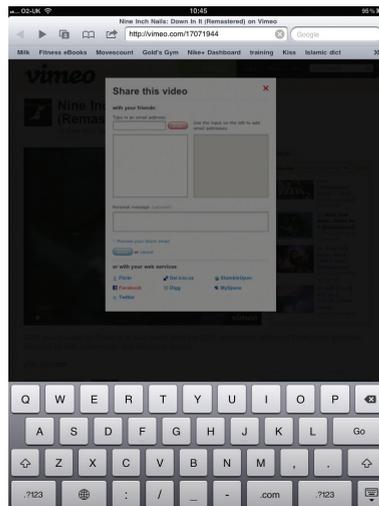
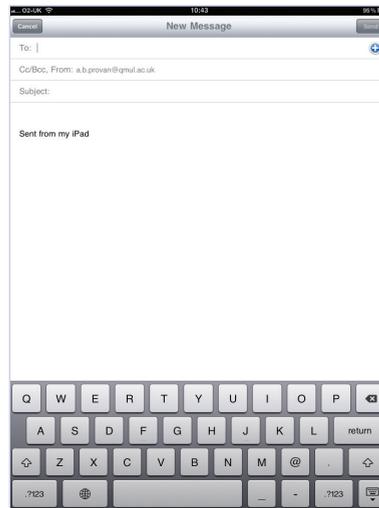
The screen responds best to skin contact. Avoid using pens or other items to tap the screen.

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The iPad is different to a laptop since there is no physical keyboard. Instead you type by tapping the **virtual keyboard** on the iPad screen itself. You can use the keyboard in portrait or landscape modes. The landscape version provides much wider keys.

The keyboard seems to change in different apps

The keyboard is smart — and should match the app you're in. For example, if you are word processing or entering regular text you will see a standard keyboard. But if you are using a browser or are prompted to enter an email address you will see a modified keyboard with *.com* and *@* symbols prominently displayed.

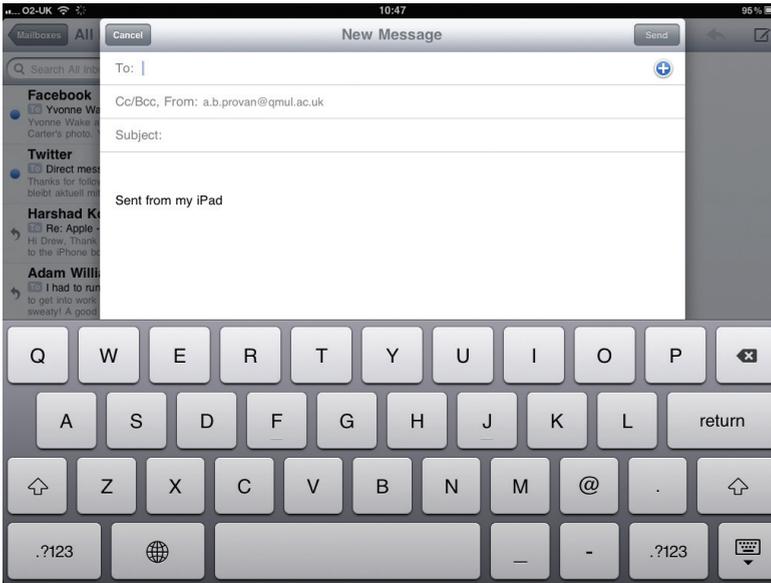


Top left: portrait keyboard in Mail

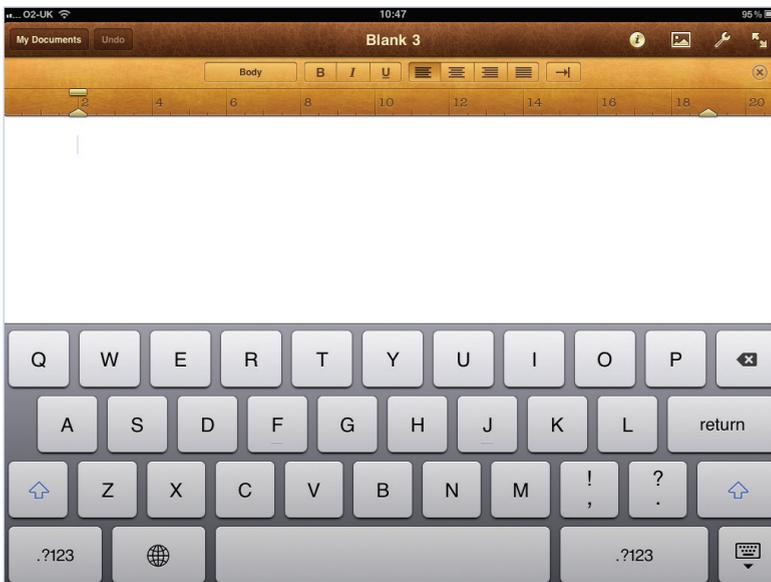
Top right: portrait keyboard in Pages

Bottom left: portrait keyboard in Safari — note the **Return** key has now changed to **Go**. Tap this to search the web or go to a specific URL

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Mail with iPad in the landscape position. Notice how wide the keys have become, making it easier to type without hitting two keys at once!



Pages with landscape keyboard. Again, the keyboard is large but the downside is that you lose real estate for work — the effective area for viewing content is quite small.

Hot tip



If you find you are making lots of typing errors, try switching the iPad to landscape mode (keys are larger).