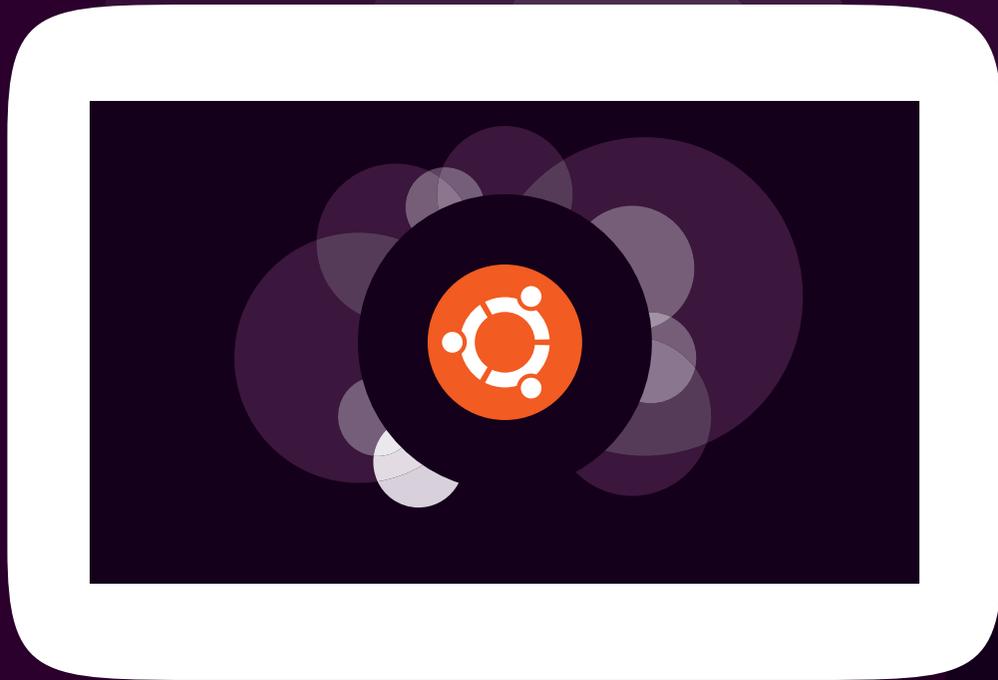


# ubuntu<sup>o</sup> on tablets



CANONICAL

# Tastefully tactile Ubuntu



## One platform, four screens

Ubuntu is already the world's favourite open source desktop. With over 20 million users worldwide, and available pre-installed from every major PC company, it has an established user base, proven reliability and award-winning style.

The launch of our tablet experience rounds out the portfolio, so Ubuntu now stretches across PCs, TVs, phones and tablets. One family of interfaces from one codebase, with one developer story. One ecosystem, from the phone to the desktop and beyond, built on proven and reliable technology that has matured and evolved over 8 years. One platform, with millions of users and a deep developer base.

## Multitasking mojo

The Ubuntu tablet introduces the unique side stage, brilliantly combining tablet and phone experiences and creating space for a second app on the screen so both can be used at the same time.

That gives Ubuntu a major advantage, with true multitasking on the tablet: not just the ability to switch between apps quickly, but actually to use two apps together at the same time for amazing tablet productivity.

Take calls in Skype while you work in a document, make notes on the side while you surf the web, tweet while you watch a movie or use two apps together to achieve the same objective, like dragging an image from the gallery into an email.

## Secure sharing for family and office

The Ubuntu tablet supports multiple secure users, and a guest account so you can share it safely with friends and acquaintances. This not only makes it more versatile in the home, but opens up the device for the workplace too, where tablet devices can integrate more properly into your IT infrastructure for identity, management and authentication.

With full disk encryption, and additional encryption for individual user accounts, the security of data is unparalleled, making Ubuntu perfect for sensitive environments and applications where compliance is a significant concern.

## Effortless navigation meets elegant design

Ubuntu brings beautiful styling to the tablet – inspired by the stunning Ubuntu phone, and expanded for a larger, two-handed widescreen device.

Use all four edges of the screen to navigate between apps, settings and controls. There are no buttons on the Ubuntu tablet, and you don't have to keep returning to the home screen every time you want to switch apps – everything is available at a swipe. Leaner, cleaner, more elegant hardware designs are possible with Ubuntu, and the result is a joy to use.



## Voice control for complex applications

Our unique Head-Up Display brings searchable commands with parameters to the touch screen, revolutionizing the depth and capability of touch applications. The HUD removes the need for on-screen buttons for every function, clears away the clutter and lets you speak directly to the application, then lets you control each function precisely. Now you can be in total control of your work, accessing hundreds of commands effortlessly.

Take the tablet where it has never been before – image manipulation, movie editing, document management, CAD. With an interface that scales from the tablet to a PC, Ubuntu brings potent apps into focus on both touch and PC devices.



## The system at your service

Just swipe down from the top to access any system service, search or setting. Your integrated inbox, volume and player controls, network and mobile phone provider preferences are directly accessible. In fact, any system setting can be changed directly by swiping downwards through the top edge, without losing your place in the application.

Switch networks, turn mobile data on, respond to incoming messages or block notifications without leaving your application. This makes Ubuntu the best tablet experience for staying focused in a connected world.

## Celebrate content not controls

Swiping up from the bottom edge of the phone reveals controls specific to the app you're currently using. If you don't swipe, you don't see any controls – leaving you free to focus on the stuff that matters – your photos, web pages, music, messages and apps. You'll find that Ubuntu feels cleaner, more spacious and less cluttered, because we don't need buttons on every screen. When you want the controls, they are a swipe away, but for the most part your content is king.

## Naturally neat home screen

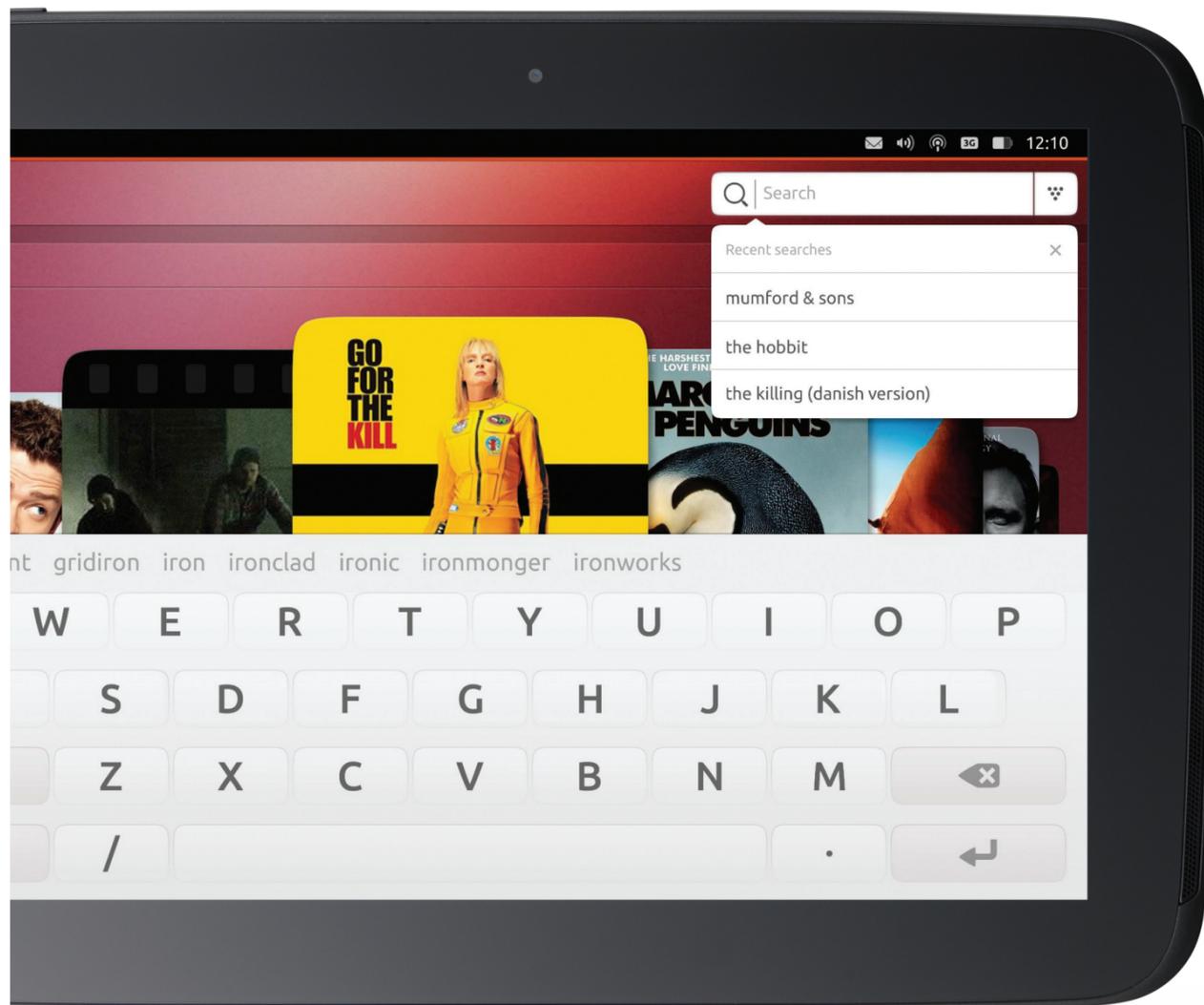
The stylish home screen organises all your most important information, selected from hundreds of sources – online or on the device.

You can customise the home screen, and focus on the content not the app. Watch what you want with a single touch – no need to worry which app to load first.

### Savvy search

Just tell your tablet what you're looking for and Ubuntu does the work to present results from multiple sources in one gorgeous page. Whatever you are looking for, Ubuntu aggregates content from hundreds of sources to save you the trouble of comparison shopping or hunting down the right provider.

You'll see information from your email and phone contacts alongside Facebook friends and followers on Twitter. Looking for music? Ubuntu doesn't just search the tunes on your tablet, it also searches online retailers, giving you a choice of tracks you might not yet own. It's really one search to rule them all.



### Instant share and cloud connections

Sharing is now built-in, with support for all the major networks. So any app can let you share with friends, family and co-workers. One click or touch is all it takes.

But Facebook and Twitter aren't the only ways to share. Ubuntu One already has millions of users, on Ubuntu, Android, Windows and Mac. Deeply integrated on Ubuntu devices, it provides free storage, paid-for music streaming services and a foundation for cloud-based services from operators and device makers.

### Instant launch

Swiping from the left gives you favourite apps, so all the things you use most are only a touch away.

# A developer's favourite

Developers love Ubuntu already; it's the favourite platform for cloud developers since it's the most popular OS on every major public cloud. And it's the favourite development platform for Android and Blackberry apps too, which makes it easy for those developers to target Ubuntu at the same time.

## Web apps and HTML5

For those with an existing website or web application, Ubuntu's web app APIs enable you to integrate your property into the desktop as if it was a full native app.

With minimal effort, any web application can be made installable on the tablet, where it will run independently of the browser, with its own icon and access to system services like notifications and search. It will look just like a native app, including the ability to handle spoken voice commands. Essential web apps like Facebook, Twitter, Gmail, Flickr, LinkedIn and Spotify will be available at launch.

HTML5 is supported, making it easy to add support for Ubuntu to HTML5 apps written for iOS and Android using frameworks like PhoneGap. If your aim is to create a cross-platform app, then Ubuntu will just work.

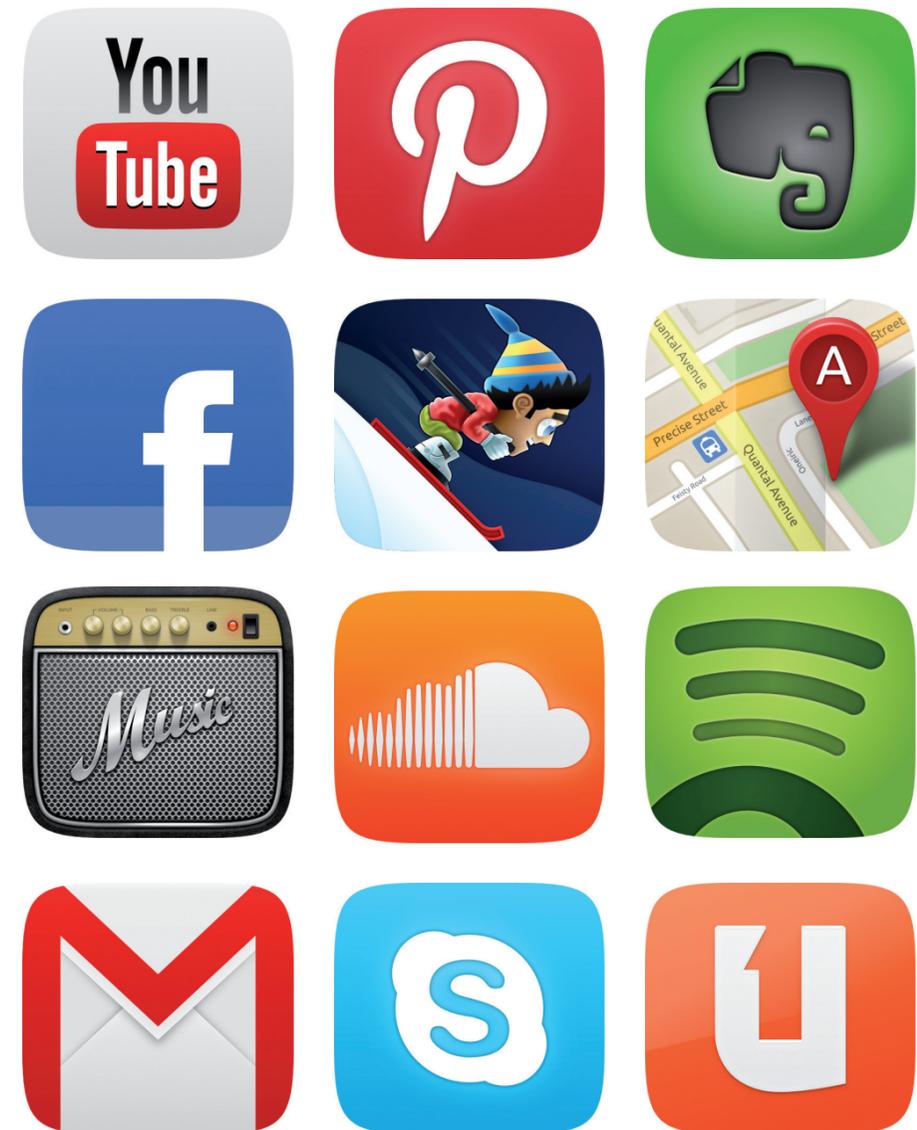
## Native apps and OpenGL

When you need to exploit the full power of the device, beautiful native apps can be developed with Ubuntu's native SDK. Use the full power of C or C++ and create fast, stylish compiled GUI front-ends with JavaScript. There's OpenGL for incredible graphics, with support from the major gaming frameworks. That's why industry titans like EA, Valve Software and Unity Technologies have committed to Ubuntu.

Best of all, however, is the opportunity to develop native apps for every form factor quickly, and ship a single unified binary for the phone, tablet, PC and TV. Ubuntu is a single, unified operating system that works on multiple form factors, with a uniquely responsive user interface. That makes for a much-simplified development process – using the Ubuntu SDK, it's possible to deliver one app that can run on all Ubuntu form factors from the phone to the tablet and PC.

## Ubuntu is ARM native

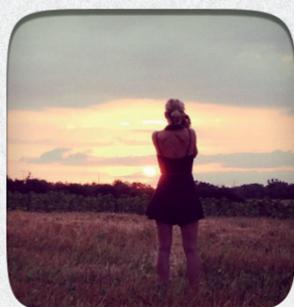
Ubuntu has been running on ARM since 2008, making it the only general-purpose enterprise Linux distribution to support the ARM platform. So you get a native implementation of the Ubuntu OS on ARM, with an efficient and responsive user experience even on low end hardware.





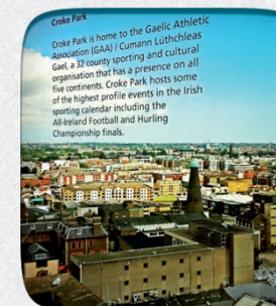
**A gorgeous gallery for your digital life**

The Gallery app is a stylish native application, unique to Ubuntu, that lets you organise and share photos with the greatest of ease. One app works on phone, tablet and desktop, and it's equally beautiful in every environment.



On the phone, you can browse photos, and on the tablet, you can create albums – Ubuntu will organise your pictures into events by date, or you can create custom collections.

Your photos are all instantly uploaded to your personal cloud, and available on all your devices – including those running iOS, Android and Windows. Share them with one touch.



**Croke Park**  
Croke Park is home to the Gaelic Athletic Association (GAA) / Cumann Luthchleas Gael, a 32 county sporting and cultural organisation that has a presence on all five continents. Croke Park hosts some of the highest profile events in the Irish sporting calendar including the All-Ireland Football and Hurling Championship finals.



# A hardware hero

## App store and cloud connected

The Ubuntu Software Centre has been the primary way for Ubuntu users to find, install and uninstall new software for several years. With the introduction of Ubuntu on phones and tablets, it becomes even more deeply integrated into the OS, enabling the discovery and download of apps (free and paid) straight from the home screen.

Our consumer cloud, Ubuntu One, already has millions of users. It can provide a framework for delivering your content and services directly to them, including music and photo streaming. It has clients for Windows, Mac OS, Android and iOS; in short, everything the user needs to slot it into their digital lives. For content providers, Ubuntu One includes an integrated identity service, so that payments and activations can all be managed securely.

## Harnessing hardware horsepower

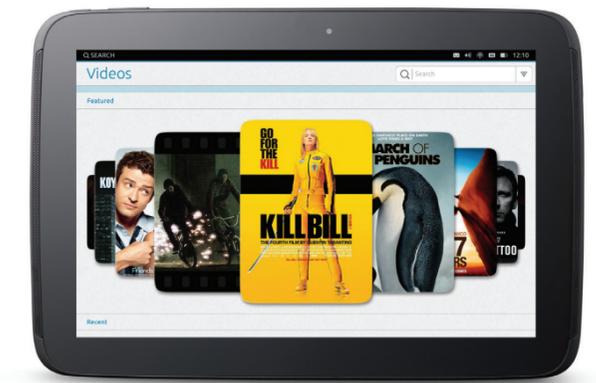
Ubuntu uses standard Linux drivers, making it simple to support on common hardware platforms. With no mandatory Java™ layer, tablet apps deliver a faster, more fluid, native user experience. Developers can use Java if they want, making it easy to bring Android apps to Ubuntu, but core Ubuntu apps make maximum use of your hardware.

All the power of OpenGL is available to developers focused on games or apps with smooth transitions and effects. So native Ubuntu apps are faster, cleaner and more capable than any other open platform today.

## Enterprise-grade

As the PC industry accelerates its shift to mobile, the tablet will undoubtedly find its place in the enterprise – but only if it offers a clean bridge to legacy apps and data. Ubuntu works with leading thin-client solutions companies Wyse, Microsoft, VMWare and Citrix to ensure that all Ubuntu devices connect to your enterprise thin client application servers. That enables you to integrate Windows apps directly into the Ubuntu experience as if they were native.

With the option to dock with a keyboard providing a full PC desktop experience, Ubuntu gives mobile device manufacturers a unique opportunity to enter a market formerly reserved for thin clients and desktops. A high-end Ubuntu tablet can function as a mobile device when required, but also be docked with a keyboard to deliver the full productivity of a PC, including access to legacy Windows apps. And all Ubuntu devices can be managed with Canonical's proven Landscape systems management tool, available to all customers of the Ubuntu Advantage support program.



## Customisation without fragmentation

Ubuntu devices can be differentiated with partner branding, content, services and apps without breaking compatibility with the broader app ecosystem.

The Ubuntu tablet home screen can be extended: your content, including music, films, shows, apps and stores can all be surfaced there. We can also connect your back-end services to the tablet interface, to enable services such as data backup and photo sharing. And of course, your apps can be out-of-the-box favourites on your devices.

## Scaling to size

Our unique interface design scales from the phone to the tablet, and works equally well on pocketable consumer-oriented tablets from 6" up, to full-blown media or enterprise tablets with screens from 10" to 20" and high definition resolution.

Apps expand to use the space available, phone and tablet apps sit side by side on the same screen. And since there are no controls needed beyond the power button, you have more flexibility for device design with Ubuntu than any other platform today. That's amazing, and our partners are using that flexibility to make incredible devices.

## Banishing buttons

Use all four edges of the screen to navigate between apps, settings and controls. There are no physical buttons required on the Ubuntu tablet beyond the power switch. Leaner, cleaner, more elegant tablet designs are possible with Ubuntu than any other platform.

Hardware requirements	Entry-level consumer Ubuntu tablet: Content focused, advanced UI, feature rich and affordable	High-end Ubuntu enterprise tablet: Integrated desktop, fully customisable and secure
Processor architecture	Dual-core Cortex A15	Quad-core Cortex A15 or Intel X86
Memory	2GB preferred	4GB preferred
Flash storage	8GB minimum	8GB minimum
Screen size	7–10 inch	10–12 inch
Multi-touch	4 fingers	4–10 fingers
Full desktop convergence	No	Yes

# One ecosystem, from the phone to the desktop and beyond:

The Ubuntu tablet completes the current family of devices, covering phone, tablet desktop and TV. Underlying these screens and devices is an OS and an interface that can scale to fit wherever it is required to run on today's hardware, or whatever devices the future may bring.



## We have the tools, teams and technology

When you've decided to ship Ubuntu, our teams in Taipei, Shanghai, London, Beijing and Boston engage with your engineering and factory operations – and their sole focus is to deliver a crisp Ubuntu experience on your device.

The core system is based around a typical Linux kernel and the drivers from existing Board Support Packages (BSPs), minimising the need for investment in hardware enablement. If you already make devices with any version of Linux, Ubuntu will be easy to adopt.

## Become a partner today

Ubuntu is available now to partners launching tablets from Q4, 2013.

OEM or content providers, please visit [ubuntu.com/tabletpartners](http://ubuntu.com/tabletpartners) or email [tabletpartners@ubuntu.com](mailto:tabletpartners@ubuntu.com)

Developers, start creating apps mobile Ubuntu apps at [ubuntu.com/gomobile](http://ubuntu.com/gomobile)

For more detail about Ubuntu on tablets, go to [ubuntu.com/tablet](http://ubuntu.com/tablet)

© Canonical Limited 2013. Ubuntu, Kubuntu, Canonical and their associated logos are the registered trademarks of Canonical Limited. All other trademarks are the properties of their respective owners. Any information referred to in this document may change without notice and Canonical will not be held responsible for any such changes.

Canonical Limited, Registered in England and Wales, Company number 110334C  
Registered Office: One Circular Road, Douglas, Isle of Man IM1 1SB VAT Registration: GB 003 2322 47

**CANONICAL**