Ubuntu Desktop

Features

- GUI available
- Highly configurable image
- Classic OS Architecture
- Tri-weekly security update
- LTS: 10 years of long-term support (with 5 years ESM services)

Introduction

The Ubuntu is a reliable, secure, and versatile environments for computer use. Ubuntu is trusted by thousands of development teams around the world because of its versatility, reliability, constantly updated features, and extensive developer libraries. It also gives unparalleled freedom and control which continues to expand into IoT. Ubuntu is the best way to increase your productivity and guarantee a smooth transition from development all the way to production. It is the world's most popular open source OS for both development and deployment, from the data centre to the cloud to the Internet of Things.

Feature Details

Snaps

A snap is a bundle of an app and its dependencies that works without modification across many different Linux distributions. Snaps are discoverable and installable from the Snap Store(https://snapcraft.io/store), an app store with an audience of millions.

Snapcraft

is a powerful and easy to use command line tool for building snaps. It helps you to:

- build and then publish your snaps on the Snap store
- use channels, tracks and branches to finely control updates and releases
- build and debug snaps within a confined environment
- update and iterate over new builds without rebuilding the environment
- test and share your snaps locally

Livepatch

Livepatch eliminates the need for unplanned maintenance windows for high and critical severity kernel vulnerabilities by patching the Linux kernel while the system runs. Reduce fire drills while keeping uninterrupted service with the Ubuntu Livepatch service for up to 10 years.

Native hardware encryption (NHE)

Encryption is the process of converting plain text data into ciphertext, which is an unreadable format using a special mathematical algorithm. The only parties that can access encrypted data are those with the specified decryption key or a password (which acts as the key).

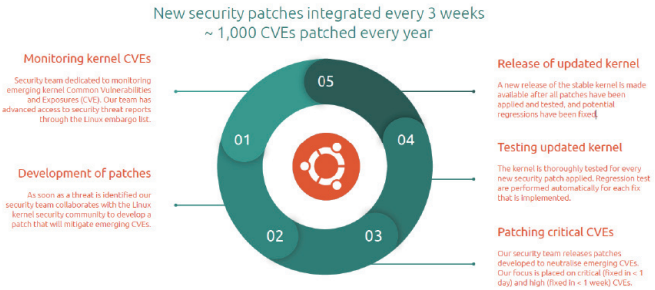
Full disk encryption (FDE) guarantees data privacy by preventing unauthorized access to your hard drive by hackers and other nefarious parties when at rest. Ubuntu 20.04 offers an option that allows you to fully encrypt your hard disk or SSD during the installation process.

UEFI Secure BootOn

Ubuntu, all pre-built binaries intended to be loaded as part of the boot process are signed by Canonical's UEFI certificate, which itself is implicitly trusted by being embedded in the shim loader, which has been signed by Microsoft. When the PC starts, the FW checks the signature of each piece of boot software, including UEFI FW drivers, EFI applications, and the OS

Security Updates

Security updates are provided for 10 years for long-term support (LTS) releases. With the default configuration for unattended upgrades (16.04 and after), these updates are applied to your system automatically. Ubuntu LTS receives 10 years of support (includes an additional 5 years with the paid ESM service)

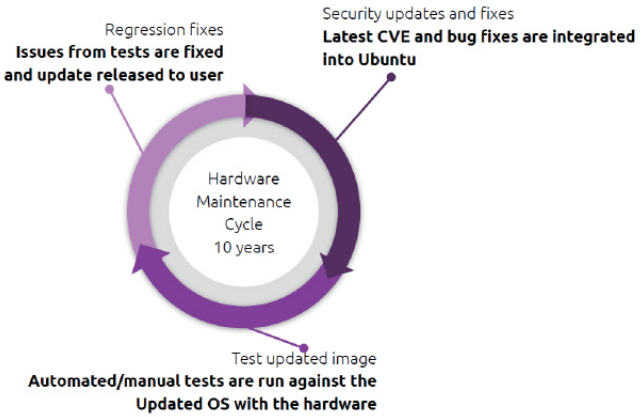


Linux Kernel Self-Protection

Kernel self-protection is the design and implementation of systems and structures within the Linux kernel. It is aimed at protecting against security flaws in the kernel itself. This covers a wide range of issues, including removing entire classes of bugs, blocking security flaw exploitation methods, and actively detecting attack attempts.

Services

- Long-Term Support (LTS): Ubuntu (16.04 and after), offering 10 years for long-term support (LTS) for security updates and maintenance updates.
- ESM service: Continue to receive security updates for the Ubuntu base OS, critical software packages and infrastructure components with Extended Security Maintenance (ESM) paid service. ESM provides five additional years of security maintenance, enabling an organization's continuous vulnerability management.
- Ubuntu HW Certification: Canonical has developed rigorous certification tests to ensure compatibility between hardware and the Ubuntu operating system. A full battery of tests is performed on each hardware and software component for robustness before a device earns the distinction of being Ubuntu certified. With regular regression testing, Ubuntu certified hardware is continuously tested in a lab to ensure the latest updates work well on the certified device



Recommended system requirements:

- 2 GHz dual core processor or better
- 4 GB system memory
- 25 GB of free hard drive space
- Either a DVD drive or a USB port for the installer media

Ordering information

PN	Description
968MOU204D	Ubuntu OS License for Desktop & Server