

# Ubuntu Desktop

Bring the best of open source to your organisation



Ubuntu Desktop gives enterprise developers access to the latest hardware, libraries, and apps as well as complete control over how they are used. It performs out-of-the-box on a wide range of laptops, desktops and workstations from partners like Dell, HP and Lenovo.

The Ubuntu OS provides a common platform for development, test, and production environments. Long Term Supported releases deliver a secure and stable foundation for application, cloud and container development. Robust enterprise features allow organisations to deploy and manage Ubuntu desktops at scale, while maintaining the benefits of free and open source software.

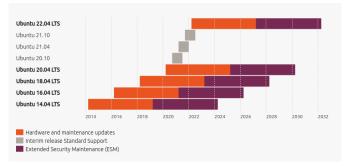
With Ubuntu Pro Desktop, a premium service subscription, users receive additional peace of mind thanks to long term support, security patching and management solutions that integrate with your existing fleet.

#### Why choose Ubuntu Desktop?

## The developers' choice



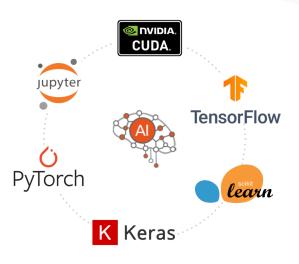
#### Ubuntu releases



- Using Ubuntu Desktop provides a common platform for development, test, and production environments.
- Tools, such as <u>Juju</u>, <u>Microk8s</u>, and <u>Multipass</u> make developing, testing, and cross-building easy and affordable.
- Long term support (LTS) releases occur every 2-years, with 5 years of standard support extended to 10 years with an Ubuntu Pro Desktop subscription.
- New Developer editions of Ubuntu Desktop are released every 6-months, with 9-months of support and access to the latest kernel, libraries, and new upstream OS features.

# Access to cutting-edge hardware and software

- Ubuntu ships with the <u>latest toolchains</u> for Python, Rust, Ruby, Go, PHP and Perl, and users get first access to the latest updates for key libraries and packages.
- Ubuntu is the OS of choice for data science and machine learning, with support for popular frameworks like <u>OpenCV</u>, <u>TensorFlow</u>, <u>Keras</u>, <u>PyTorch</u> and <u>Kubeflow</u>.
- Ubuntu is the target platform for the <u>NVIDIA data science</u> <u>stack</u>, which enables GPU accelerated data science workloads to be run locally before deploying to the cloud.





## A rich ecosystem

- With a <u>snap store</u> of over 7,000 applications in addition to the Ubuntu archive, it's easy to tailor Ubuntu desktop to your needs.
- Development tools include Visual Studio Code, IntelliJ, GitKraken, Unity and Blender.
- Office productivity tools include Slack, Microsoft Teams, Dropbox, and Zoom as well as the Microsoft-compatible LibreOffice.
- Media, gaming, and content creation apps include Spotify, Steam, Discord and OBS Studio.

## Certified hardware

- Streamline deployment of Ubuntu Desktop with <u>certified hardware</u> from OEMs including Dell, Lenovo, and HP — no additional configuration required.
- Ubuntu performs out of the box across a wide range of laptops, desktops, and workstations, including the HP Z series and Dell XPS and Precision lines.
- <u>Strategic partnerships</u> extend to component manufacturers and Ubuntu is certified to work with the full range of NVIDIA GPUs.



## Landscape automation and monitoring

- Lower the complexity and cost of running a Linux desktop estate using Canonical's in-field automation and monitoring tool Landscape, included with an Ubuntu Pro subscription.
- Reduce system admin workloads by applying updates automatically across an entire fleet.
- Instantly see system status via a single, web-based interface and receive automatic alerts when systems need security or package updates.
- Simplify security reviews based on Landscape's detailed history logs.



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## Security and compliance

#### Active Directory





- <u>Microsoft Active Directory integration</u> with Ubuntu using SSSD.
- Advanced Active Directory GPO features, such as remote script execution and privilege management are available to Ubuntu Pro users.
- Ubuntu also supports LDAP, the open source alternative to Active Directory.
- Native LUKS and LVM support for disk encryption included.
- AppArmor applies the principle of least privilege and whitelisting to define each program's permissible actions.
- Security maintenance with CVE fixes for Ubuntu OS and open source applications.
- Kernel Livepatch applies security patches to the Linux kernel without the need to reboot.
- Ubuntu Pro users benefits from an additional 5 years of security maintenance and security patches for the Ubuntu Universe repository, a as well as FIPS 140-2 certification DISA-STIG and CIS hardening.

## Details and Pricing

#### Ubuntu Pro Desktop



A premium service subscription delivering comprehensive enterprise security, management tooling, and support.

Enjoy peace of mind knowing that Ubuntu Long Term Support (LTS) releases benefit from 10-years of security patching and support with Ubuntu Pro Desktop, extended from 5 years.

<u>Contact us</u> or visit <u>Ubuntu Pro</u>.

|  | Ubuntu Pro<br>Desktop | Ubuntu Pro<br>Desktop<br>Weekday Support                              | Ubuntu Pro<br>Desktop<br>24x7 Support    |
|--|-----------------------|---|--|
| Cost per seat per year   | \$25                  | \$150   | \$300                                    |
| Phone and ticket support for Ubuntu OS   |                       | 24x5  | 24x7                                     |
| Severity 1 response time<br>Severity 2 response time<br>Severity 3 response time<br>Severity 4 response time |                       | 4 hours<br>8 business hours<br>12 business hours<br>24 business hours | 1 hour<br>2 hours<br>6 hours<br>12 hours |
| Fleet monitoring, management,<br>and automation via <u>Landscape</u>   | <b>S</b>              | <b>Ø</b>  | ø  |
| Advanced Active Directory Policies<br>(including remote script execution<br>and privilege management)        | •                     | 0   | Ø  |
| <u>10 years of security patching</u><br>across 25,000 packages   | <b>S</b>              | <b>Ø</b>  | ø  |
| Kernel <u>Livepatch</u> to minimise downtime   | <b>S</b>              | <b>Ø</b>  | <b>O</b>                                 |
| FIPS 140-2 Level 1 certified crypto modules  | <b>S</b>              | 0   | <b>S</b>                                 |
| <u>CIS Benchmark</u>   | <b>S</b>              | 0   | <b>O</b>                                 |
| <u>Common Criteria /EAL2</u>   | <b>S</b>              | 0   | $\checkmark$                             |

## Ubuntu Desktop Enterprise Services

Ubuntu Desktop Enterprise Services are designed to help your organisation get up and running on Ubuntu as quickly as possible. Canonical engineers partner with you to deliver a solution tailored to your needs, from custom images and Snap Store proxies to Active Directory integration and fleet management through Landscape. This ensures your Ubuntu desktops are securely configured and supported from day one.

#### **Deployment Steps**

#### 1. Requirements gathering

- 2. Design documentation and deployment guide
- 3. Custom image creation
- 4. Landscape deployment and registration
- 5. Post-deployment automation
- 6. Active Directory integration
- 7. Security configuration (hardening, encryption, PKI)

# Enterprise Services Plus customers also benefit from

- Additional image customization
- CIS Security Benchmark
- DISA STIG Hardening
- Customised Snap Store proxy
- CIFS/SMB file systems support

For more details, see the table in the following page.

#### Service requirements

To ensure full compatibility with Ubuntu Desktop, we ask customers to ensure that they use certified hardware. Find out more about the wide range of Ubuntu certified desktops here: <u>certification.ubuntu.com/desktop</u>.

#### Contact Us

For more information on integrating Ubuntu Desktop with your institution visit <u>ubuntu.com/desktop</u> or call direct (EMEA) +44 203 656 5291 or (US) +1 737 204 0291



|                                     | Ubuntu Desktop Enterprise Services  | Ubuntu Desktop Enterprise Services Plus   |
|-------------------------------------|---|---|
| Cost                                | \$45,000  | \$95,000  |
| Landscape<br>configuration          | Machine registration and monitoring via<br>Landscape SaaS or On-Prem  | Machine registration and monitoring via<br>Landscape SaaS or On-Prem  |
|                                     | Ubuntu configuration and installation/<br>configuration of third-party tooling  | Ubuntu configuration and installation/<br>configuration of third-party tooling  |
| Active Directory integration        | Configuration and connection  | Configuration and connection  |
|                                     | Group Policy Object (GPO) Integration   | Group Policy Object (GPO) Integration   |
| Third-party product<br>integrations | Google Chrome<br>Microsoft Defender<br>McAfee Enterprise<br>F5 VPN Client<br>Cisco AnyConnect VPN Client<br>OpenConnect VPN Client<br>Meta Networks VPN Client<br>SNOW<br>Rapid7<br>Endpoint Protector (EPP)<br>Crowdstrike Falcon Sensor<br>Tenable Nessus Scanner<br>ZScaler Proxy (PAC)<br>Blender<br>Papercut (printing)<br>CUPS (printing)<br>Additional Third-party products can be<br>installed and automatically configured<br>depending on the requirements. | Google Chrome<br>Microsoft Defender<br>McAfee Enterprise<br>F5 VPN Client<br>Cisco AnyConnect VPN Client<br>OpenConnect VPN Client<br>Meta Networks VPN Client<br>SNOW<br>Rapid7<br>Endpoint Protector (EPP)<br>Crowdstrike Falcon Sensor<br>Tenable Nessus Scanner<br>ZScaler Proxy (PAC)<br>Blender<br>Papercut (printing)<br>CUPS (printing)<br>Additional Third-party products can be<br>installed and automatically configured<br>depending on the requirements. |
| CIS Benchmarking                    |   | CIS Benchmark configuration and support   |
| Snap Store<br>configuration         |   | Snap Store proxy deployment and local snap package repository.  |
| CIFS/SMB<br>configuration           |   | Workstations configured to mount CIFS/SMB file systems from a third-party source  |
| Security<br>Configuration           | Installed software audit  | Installed software audit  |
|                                     | Firewall automatic enablement   | Firewall automatic enablement   |
|                                     | Security policy enforcement   | Security policy enforcement   |
|                                     | Anti-virus/anti-malware solution support  | Anti-virus/anti-malware solution support  |
| Encrypted Volume<br>Support         |   | Third party encryption support  |