

DATASHEET

RED HAT ENTERPRISE LINUX DESKTOP

EASY TO USE, MANAGE, AND SECURE ENTERPRISE LINUX DESKTOP SOLUTION

KEY BENEFITS

- Reduce costs and maximize user efficiency with a comprehensive set of office productivity tools
 - Deploy, update, and provision complex desktop installations from a single web-based console
 - Easily customize desktops for users to meet business requirements
 - Run legacy Windows applications in an integrated KVM virtual machine, helping make Windows migration easy and secure
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IT managers value Red Hat® Enterprise Linux® for the robustness, security, stability, high performance, and scalability it delivers to their organization. Red Hat brings the power and innovation of the world's leading Linux distribution to the desktop for companies that need the same capabilities for their users. Available in three flavors—Red Hat Enterprise Linux Desktop client, Red Hat Enterprise Linux Workstation, and Red Hat Enterprise Linux Developer Workstation—Red Hat Enterprise Linux Desktop delivers industry-leading performance, manageability, and security to the desktop.

RED HAT ENTERPRISE LINUX DESKTOP

Built with the powerful, open-source Red Hat Enterprise Linux foundation, Red Hat Enterprise Linux Desktop is a robust, highly secure, and cost-effective desktop environment. Red Hat Enterprise Linux Desktop enables users to be productive with a complete set of leading end-user applications including LibreOffice, a full office productivity suite with word processing, spreadsheet, presentation, drawing, and database applications. And, with built-in KVM virtualization, users can run Windows and legacy Windows applications on their Linux desktops.

RED HAT ENTERPRISE LINUX WORKSTATION

Red Hat Enterprise Linux Workstation is designed for advanced Linux users working on more powerful systems and is optimized for high performance activities such as graphics, animation, and scientific computing. Red Hat Enterprise Linux Workstation supports systems with up to two sockets, unlimited memory, and up to four virtual machines per instance. In addition to those capabilities and applications included in the Red Hat Enterprise Linux Desktop client, Red Hat Enterprise Linux Workstation delivers the deployment tools that make provisioning and administration of Red Hat Enterprise Linux Desktops so efficient and cost-effective.

RED HAT ENTERPRISE LINUX DEVELOPER WORKSTATION

For software developers who need a flexible environment for code development and testing, Red Hat Enterprise Linux Developer Workstation is designed to make creating Linux applications faster and easier than ever. Red Hat Enterprise Linux Developer Workstation combines all of the capabilities of Red Hat Enterprise Linux Workstation with the contents of the Red Hat Enterprise Linux Developer Suite for development and testing purposes. The Red Hat Enterprise Linux Developer Suite includes Red Hat Enterprise Linux Server, Red Hat Enterprise Linux Add-Ons, and the Red Hat Developer Toolset.

The Red Hat Enterprise Linux Developer Toolset gives software developers the ability to develop an application that runs on multiple versions of Red Hat Enterprise Linux (such as versions 5 and 6) without recompiling for multiple versions. With the Red Hat Development Toolset, software developers can create Linux applications using the latest C and C++ upstream tools. These include the GNU Compiler Collection (GCC) with support for C and C++, the GNU Project Debugger (GDB) with the latest improvements to aid the debugging of applications, and the GNU binutils collection of binary developer tools.

Red Hat offers comprehensive developer support for Red Hat Enterprise Linux Developer Workstation users. Response is available in four business hours (Enterprise Support level) or two business days (Professional Support level). In addition, with a Red Hat Enterprise Linux Developer Workstation subscription, programmers have access to software updates, the Red Hat Knowledgebase, instructional resources, and an ecosystem of experts to help maximize productivity and build great Linux applications.

RED HAT ENTERPRISE LINUX DESKTOP / WORKSTATION / DEVELOPER WORKSTATION COMPARISON

	Red Hat Enterprise Linux Desktop	Red Hat Enterprise Linux Workstation	Red Hat Enterprise Linux Developer Workstation
Desktop architecture support			
x86	Yes	Yes	Yes
x86-64	Yes	Yes	Yes
Desktop support limits as defined by Red Hat Enterprise Linux product subscription			
Maximum physical CPUs (sockets) ¹	1	2	2
Maximum memory	8GB	Unlimited	Unlimited
Maximum virtualized guests (instances) ²	1	1 or 4 ³	1 or 4 ³
Desktop features in each Red Hat Enterprise Linux product subscription			
Security features	Includes Cisco IPsec client compatibility, smart card support, encrypted disk (Linux Unified Key Setup) and SELinux for securely locking down the desktop application environment.	Includes Cisco IPsec client compatibility, smart card support, encrypted disk (Linux Unified Key Setup) and SELinux for securely locking down the desktop application environment.	Includes Cisco IPsec client compatibility, smart card support, encrypted disk (Linux Unified Key Setup) and SELinux for securely locking down the desktop application environment.
Included software	Gnome and KDE desktops and single-user productivity applications	Gnome and KDE desktops and single-user productivity applications. Red Hat Enterprise Linux server applications for development and testing only.	Gnome and KDE desktops and single-user productivity applications. Red Hat Enterprise Linux server applications for development and testing only. Includes Red Hat Enterprise Linux developer products.

	Red Hat Enterprise Linux Desktop	Red Hat Enterprise Linux Workstation	Red Hat Enterprise Linux Developer Workstation
Red Hat Enterprise Linux Developer Toolset	No	No	Yes
Included Add-Ons for Red Hat Enterprise Linux	Smart Management	Smart Management	High Availability, Resilient Storage, Load Balancer, Scalable File System, High Performance Network, Extended Update Support (EUS) and Smart Management ⁴
Use case and content	For single-user desktop productivity usage only. Not permitted for any usage as a multi-user server. Does NOT include open source server applications.	For high-performance single-user workstation usage by advanced Linux users. Not permitted for server or multi-user purposes. Includes open source server applications (e.g., Apache, Samba, or NFS), supported for use on personal systems for testing and development purposes or to share data with peers.	For high-performance single-user software development workstation usage by advanced Linux users. Not permitted for server or multi-user purposes. Includes open source server applications (e.g., Apache, Samba, or NFS), supported for use on personal systems for testing and development purposes or to share data with peers.
Includes Red Hat Enterprise Linux software development stack	No	Yes	Yes
<ol style="list-style-type: none"> 1. Red Hat defines physical CPUs equivalently to sockets, so a multicore and/or hyperthreading CPU is counted as a single socket when determining which subscription to purchase. 2. Using the virtualization technology included with Red Hat Enterprise Linux. 3. Available in 1 or 4 virtual machine subscription options. 4. Red Hat Enterprise Linux Add-Ons with the exception of Smart Management are included for development and testing purposes only. Note the Extended Lifecycle Support (ELS) Add-On is not included. 			

BUILT-IN PRODUCTIVITY

All versions of Red Hat Enterprise Linux for desktop computing include the most popular desktop applications at no additional charge. Fully featured and with intuitive interfaces, these applications help keep users productive with little need for retraining.

- Word processing, spreadsheet, presentation, and other office productivity tools through LibreOffice, a full office productivity suite with support for ISO standard OpenDocument format, Microsoft Office import functions, and more
- Email Messaging Application Programming Interface (MAPI) access and integration with Microsoft Exchange Server using OpenChange
- Mobile network connection management with NetworkManager
- Virtual private networking, including Cisco IPsec client compatibility
- Smart Card support
- Disk encryption software with Linux Unified Key Setup
- X Access Control Extension (XACE), preventing unauthorized communications between multiple windows on the same desktop

Additionally, these applications are interoperable with their Microsoft counterparts. This means users can create, view, and edit Microsoft-formatted documents or email messages, leveraging the investments they have already made.

FLEXIBLE AND CUSTOMIZABLE

All Red Hat Enterprise Linux Desktops can be tailored as required to meet the needs of the business. Each desktop can be customized to minimize the installation footprint by removing unneeded applications, secured to prevent unauthorized access, or granularity configured—at the application, network, and user interface settings level—to meet the specific needs of each user.

INTEGRAL SECURITY

In addition, Red Hat helps ensure that desktops are secure against external and internal threats. Building on the foundation of Linux, a highly secure operating system, Red Hat's layered defense scheme offers the highest-grade protection against commonly exploited security flaws and not-so-common ones. SELinux protects system services from attacks while offering full transparency.

EASY TO MANAGE AND MAINTAIN

Red Hat Enterprise Linux Desktop includes a simple, rapid deployment tool that lets IT staff manage a complex, geographically dispersed, desktop infrastructure from a single web-based console. The Red Hat Network, fully integrated with the award winning Red Hat Customer Portal, enables administrators to easily update, group, deploy, and provision desktops remotely. Whether managing 10 or 10,000 systems, the effort is the same, freeing IT personnel for other projects.

ABOUT RED HAT ENTERPRISE LINUX

Red Hat Enterprise Linux is a high-performing operating system that delivers outstanding value to IT environments. As the world's most trusted IT platform, Red Hat Enterprise Linux is deployed in mission-critical environments in leading enterprises that value security, stability, high performance, and scalability. Creating applications on Red Hat Enterprise Linux gives developers the confidence that their applications run correctly right from the start, and continue to do so for years to come.

FOR MORE INFORMATION

Find out more about Red Hat's latest desktop products at www.redhat.com/desktop. To learn more about the Red Hat Enterprise Linux Developer Program or to sign up for a Red Hat Enterprise Linux Developer Subscription, visit www.redhat.com/developer/rhel.

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