



# Productivity at the touch of a button: **Dell Latitude ON | FLASH**

By Roberto Ayala and Steve Rokov

The Dell™ Latitude ON™ | FLASH module was designed for on-the-move workers. By avoiding a full system boot, Latitude ON | FLASH is available within seconds, providing near-instant access to the Internet, Microsoft® Office documents, virtual remote desktops, and more.

## Dell Latitude ON | FLASH module



Supported Latitude ON Ready laptops include Dell Latitude™ E4200, Latitude E4300, Latitude E4310, Latitude E6410 (shown here), Latitude E6510, and Dell Precision™ M4500 models

**B**ooting up a laptop just to check e-mail or access the Internet can be a slow process—and a definite drain on productivity. On-the-move workers can reclaim that lost time by using Dell Latitude ON | FLASH, the latest member of the Latitude ON family.

### Access in seconds

Installed as a separate, alternative workspace designed to launch in under 10 seconds, Latitude ON | FLASH offers a full-featured, secure, high-performance Web browsing experience together with Citrix®, VMware®, and Remote Desktop Protocol (RDP) remote desktop support. Users can also check e-mail, access chat and voice-over-IP (VoIP) services, and read and edit Microsoft Office-compatible documents.

Because it is designed to launch in seconds at the touch of a button, Latitude ON | FLASH helps reduce the need to leave laptops turned on or in sleep mode overnight—helping to lower power consumption and reduce boot problems with the Microsoft Windows® OS. And unlike a conventional mobile thin client, laptops equipped with Latitude ON | FLASH transform into mobile hybrid computing devices that provide the flexibility to work in a traditional thick-client mode, a thin-client mode, or a combination of the two.

Latitude ON | FLASH can be preinstalled on supported models at the time of purchase or field installed as a module kit that includes the necessary hardware, drivers, and application software. After configuring the software using a Windows utility, end users can



Figure 1. Dell Latitude ON | FLASH start screen, designed to launch within 10 seconds

launch Latitude ON | FLASH by pressing the Latitude ON button, entering their login information, and choosing an application from the start screen, without waiting for a full Windows boot (see Figure 1). Users can switch easily between the Latitude ON | FLASH and Windows environments. And because the module utilizes the system power, processor, memory, LAN, and wireless networking resources, users can continue to leverage their existing investments. Latitude ON | FLASH works with supported Latitude ON Ready laptops, easily identifiable by the separate Latitude ON button; these models include Dell Latitude E4200 and Latitude E4300 laptops in addition to the recently announced Latitude E4310, Latitude E6410, Latitude E6510, and Dell Precision M4500 models.

### Rock-solid reliability

Laptops are in frequent motion and subject to regular bumps and drops. Latitude ON | FLASH is designed to operate independently of the laptop's primary OS and hard drive so that users can still get online even following an OS or hard drive failure. Its alternative workspace remains active even if the hard drive has been encrypted or has been removed for replacement. And if the laptop must be sent in for repair, the Latitude ON | FLASH module can be easily transferred to another Latitude ON Ready system while retaining the existing configuration and user information.



### Dell Latitude ON | FLASH overview

This video demonstrates the key features of the Latitude ON | FLASH environment, including multiuser authentication, the full-featured Web browser, and comprehensive Virtual Remote Desktop support.

[youtube.com/watch?v=zvda-cT69ek](https://www.youtube.com/watch?v=zvda-cT69ek)



# “Latitude ON | FLASH provides a highly flexible, cost-effective way to maximize productivity on the road.”



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### Secure business workspace

Latitude ON | FLASH was designed with security in mind. Because it provides a separate workspace, application changes to the Microsoft Windows environment do not affect it, helping to reduce support and security issues. IT staff can configure multiple user accounts and passwords to help ensure that only authorized users gain access. Strong passwords are required for login.

Latitude ON | FLASH uses a hardware firewall and is electrically isolated from the system hard drive and from the Windows OS, helping to prevent users and applications from accessing the drive or the Windows partition. The locked-down Linux® OS-based environment is designed to ensure that applications cannot be installed or removed. Local user preferences are stored for each configured user, but browser plug-ins are not—helping reduce virus and malware threats by preventing their payloads from executing and installing themselves into the permanent file system. The result is a clean, secure session each time the system boots into Latitude ON | FLASH.

### Flexible remote desktop client

With the Dell Virtual Remote Desktop (VRD) solution, the storage and processor functionality—the client “desktop”—is offloaded to a server and virtualized, with the client device performing only

graphics processing and user interface functions. Latitude ON | FLASH is well suited for this type of client virtualization, because it has pre-integrated Citrix and VMware remote desktop clients within a locked-down, secure OS along with an RDP client for Windows Terminal Services.

The Citrix client supports Citrix XenDesktop™ and Citrix XenApp™ services using the Program Neighborhood and Web interfaces, including smooth roaming, client drive mapping, cut and paste, and audio mapping functionality. The VMware View client supports VMware virtual desktop infrastructure software such as ThinApp, including USB redirection, Secure Sockets Layer (SSL), and direct mode functionality. The open source rdesktop client is available to provide access to Windows Terminal Services using RDP. These options enable mobile and remote workers to turn their existing laptops into cost-effective thin clients that can provide more flexibility than dedicated mobile thin-client hardware.

### Maximum efficiency and productivity

The Dell Latitude ON | FLASH module was designed with the specific needs of mobile and remote workers in mind. By providing secure, near-instant access to the Internet, Microsoft Office documents, virtual remote desktops, and more, it provides a highly flexible, cost-effective way to maximize productivity on the road. **PS**

### Learn more



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[latitude-on-flash.com](http://latitude-on-flash.com)



**Dell Latitude laptops:**  
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