

# EasyGuard® Features at-a-glance

**TOSHIBA**  
Leading Innovation >>>

**EasyGuard®** Technology\* incorporates hardware and software innovations into various Toshiba laptops that address the most common security, reliability and connectivity issues faced by business users. It's the culmination of all the years Toshiba has spent designing and refining mobile PCs. That experience allows us to anticipate the problems users are most likely to experience with a laptop and offer solutions that either prevent these problems or at least make it easier to deal with them if they do happen. These solutions are offered through the four elements of Toshiba's **EasyGuard** coverage: **Protect & Fix, Secure, Connect** and **Optimize**.

EasyGuard Protect & Fix		To fortify vital information and vulnerable components against the stress and hazards mobile computers face every day	Portégé®				Tecra®		
			R500	R400	M700	M400	M9	M8	A9
Feature	Description								
<b>Shock Absorbing Design*</b>	Specially designed shock absorption that helps protect key components (HDD, LCD, inverter) and the chassis to help reduce risk of system damage and data loss in the event of accidental fall, impact or vibration.	●	●	●	●	●		●	
<b>Hard Disk Drive Protection*</b>	Toshiba Hard Disk Drive Protection offers an enhanced impact protection solution including two levels of internal support specifically for the hard disk drive (HDD) – shock absorption to help protect the HDD in the event of an impact or vibration and the Toshiba exclusive 3D accelerometer – 3-axis monitoring system. The Toshiba HDD Protection System is an intelligent defense mechanism that helps safeguard user information stored on the hard drive in the event of unexpected impacts, falls or excessive vibrations.	●	●	●	●	●	●	●	
<b>Spill-Resistant Keyboard*</b>	Extra insulation and water resistance incorporated into the system in order to delay damage from accidental spills.	●		●	●	●		●	
<b>Magnesium Alloy Casework</b>	Magnesium alloy is a lightweight, rugged material utilized in structural, automotive, industrial and aerospace manufacturing. It's used in the exterior casework of select Toshiba laptops to maximize both durability and portability.	●	①	②	②	②			
<b>Toshiba PC Diagnostic Tool</b>	Proprietary, pre-installed Toshiba software that provides system information and quick diagnostics.	●	●	●	●	●	●	●	
<b>Key Component Access</b>	Modularized HDD/ODD/keyboard for quick replacement.		●	●	●	●	●	●	

\* For legal disclaimers, please visit [info.toshiba.com](http://info.toshiba.com)

① Base  
② LCD Cover

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EasyGuard Secure		To defend your data and your laptop against loss, theft or viral attack		Portégé®				Tecra®		
				R500	R400	M700	M400	M9	M8	A9
Feature	Description									
<b>Multiple-level Password Utilities</b>	Software that allows users and administrators to set up Basic Input/Output Systems (BIOS) and hard drive (HDD) passwords.	●	●	●	●	●	●	●	●	●
<b>Fingerprint Reader</b>	Embedded biometric sensor and Toshiba software utility that helps prevent unauthorized access to the laptop and user-designated applications through fingerprint identification.	●	●	●	●	●	●	●	●	●
<b>HDLock™ for Toshiba Laptops</b>	Two factor authentication and AES to encrypt and secure the contents of the laptop's data files stored on the hard drive. The USB A-Key® and a personal password act as the key to the laptop; without it the hard drive remains encrypted and inaccessible to others. HDLock for Toshiba Laptops can be purchased separately as an accessory. (Supported on Windows® XP Pro only)	●		●	●	●	●	●	●	●
<b>Trusted Platform Module (TPM)</b>	Trusted Computing Group (TCG) – compliant embedded security chip set and software application that provides laptop computers enhanced security by storing the secret encryption key within the TPM instead of the PC memory so the key cannot be read or deciphered from the PC memory.	●	●	●	●	●	●			●
<b>Toshiba SD Token Utility</b>	Toshiba utility that allows system administrators and users to replace standard password input with an SD® token card.	●		●	●	●	●			●
<b>Advanced Instant Security</b>	Similar to a car alarm, Toshiba Advanced Instant Security – if enabled by the end user – is an alarm system against laptop PC theft.		●	●	●	●				
<b>Anti-Theft Protection Timer</b>	Allows users to set up a timer-activated BIOS password that will prevent unauthorized system access in the event of theft.	●	●	●	●	●	●			●
<b>Execute Disable Bit (XD-Bit)</b>	Intel® Core™ 2 Duo processors and Genuine Windows® XP SP2 and Windows Vista® operating systems provide functionality that helps prevent buffer overflow virus or worm attacks on the users laptop.	●	●	●	●	●	●	●	●	●
<b>Computrace BIOS-agent Support</b>	Enables support for Computrace's range of solutions, including LoJack for Laptops (Computer Theft Recovery) and Computrace Complete (Computer Theft Recovery, Data Protection, and Secure Asset Tracking).	●	③	●	③	●	●	③	③	③

EasyGuard Connect		To help users establish a reliable wired or wireless connection effortlessly and quickly		Portégé®				Tecra®		
				R500	R400	M700	M400	M9	M8	A9
Feature	Description									
<b>Diversity Antenna</b>	Toshiba patented (Dual) Wireless LAN antennas, located on top of the LCD to avoid external influences (desk, hands, etc.), plus one Bluetooth® antenna located adjacent to the WLAN antennas.	●	●	●	●	●	●	●	●	●
<b>Toshiba ConfigFree®</b>	Toshiba exclusive, pre-installed software that automatically allows users to set up a network connection, troubleshoot connectivity problems and capture a complete set of location settings for easy, one-button future use.	●	●	●	●	●	●	●	●	●

③ Computrace is supported at the Operating System level, but BIOS-agent is not supported for the LoJack laptops.

# EasyGuard® Features at-a-glance

To enable users to customize system settings to be more productive.

## EasyGuard Optimize

Feature	Description	Portégé®				Tecra®		
		R500	R400	M700	M400	M9	M8	A9
<i>Features related to the display and how information is viewed and presented</i>								
<b>Toshiba Presentation Button</b>	The Toshiba Presentation Button is a one-touch button that displays presentations on LCD projectors easily and quickly. (Supported on Windows® XP Pro only)			●	●	●	●	●
<b>Toshiba E-mail Button</b>	The Toshiba E-mail Button provides one-click launching of e-mail, whether the system is off, on, or in suspend.		●					
<b>Toshiba Zooming Utility</b>	The Toshiba Zooming Utility provides one-touch magnification of icons/fonts/toolbars for greater application viewing.	●	●	●	●	●	●	●
<b>LCD Screen Rotation Utility</b>	The LCD Screen Rotation Utility allows users to rotate a laptop's screen image 180 degrees in order to share information on the screen with others seated across a table or desk.	●	●	●	●	●		●
<b>One-touch Resolution Change</b>	The Toshiba one-touch Screen Resolution utility allows users to lower screen resolution to facilitate enlarging digital pictures, images, mpeg videos on Web pages, icons and more.	●	●	●	●	●	●	●
<i>Features related to enhancing productivity while working on battery power</i>								
<b>Toshiba Power Saver</b>	The exclusive Toshiba power management utility provides an intuitive graphical user interface that enables users to customize laptop settings to optimize performance and battery life, based on the individual's specific preferences.	●	●	●	●	●		●
<b>Toshiba ODD Power On/Off Utility</b>	The Toshiba Optical Disk Drive On/Off utility allows users to turn off the power of the internal optical disk drive (ODD) at will to prolong battery life.	●		●	●	●		●
<i>Features related to personalizing the user experience</i>								
<b>Wireless On/Off Switch</b>	The Toshiba Wireless On/Off Switch is a physical switch that allows users to enable or disable power to the integrated wireless LAN (WiFi®) and Bluetooth® modules.	●	●	●	●	●	●	●
<b>Toshiba Fn-esse®</b>	The Toshiba Fn-esse® utility allows users to assign tasks to specific key-stroke combinations for the most common uses, such as opening programs. (Supported on Windows® XP Pro only)	●		●	●	●	●	●
<b>Toshiba Mouse Utility</b>	The Toshiba Mouse Utility provides users with flexible and simple mouse controls for the integrated laptop mouse.	●	●	●	●	●	●	●
<b>Toshiba FN Shortcut Keys</b>	The Toshiba FN Shortcut Keys use pre-assigned keystrokes to simplify system management and settings options.	●	●	●	●	●	●	●
<b>Windows® Mobility Center Button</b>	Quickly launch Windows® Mobility Center with a single touch of a button. (Supported on Windows Vista™ only)	●	●	●	●	●	●	●