

## TOSHIBA Satellite R840-12C

<b>Processor</b>	Type: Intel® Core™ i5-2410M Processor
	clock speed : 2.30 / 2.90 Turbo GHz
	Front Side Bus : 1,333 MHz
	3rd level cache : 3 MB
<b>Operating system</b>	Genuine Windows® 7 Home Premium 64-bit (pre-installed, Toshiba-HDD recovery)
<b>Design Color</b>	color : Graphite Black with grooved texture, matt black keyboard
<b>System memory</b>	standard : 4,096 MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,333 MHz)
<b>Hard disk</b>	capacity : 500 GB
	drive rotation : 5,400 rpm
<b>DVD Super Multi drive (Double Layer)</b>	compatibility : CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD-R(DL), DVD-RW, DVD+R, DVD+R(DL), DVD+RW, DVD-RAM
	maximum speed : Read: 24x CD-ROM, 8x DVD-ROM/ Write: 24x CD-R, 4x CD-RW, 10x HS CD-RW, 16x US CD-RW, 8x DVD-R, 4x DVD-R (Double Layer), 6x DVD-RW, 8x DVD+R, 4x DVD+R (Double Layer), 8x DVD+RW, 5x DVD-RAM
	type : Slim DVD Super Multi (Double Layer) drive
<b>Display</b>	size : 35.6cm (14.0")
	type : Toshiba TruBrite® HD TFT High Brightness display with 16 : 9 aspect ratio & LED Backlight
	internal resolution : 1,366 x 768
<b>Graphics adapter</b>	manufacturer : AMD
	type : AMD Radeon™ HD 6450M Graphics using HyperMemory™ technology
	memory amount : 1,024 MB dedicated VRAM. Available graphics memory can be expanded using system memory, through HyperMemory™ technology: up to 2,790 MB with 4 GB system memory installed (with pre-installed 64-bit operating system).
	memory type : DDR3 Video RAM (resp. Video RAM and system memory combined)
	connected bus : PCI Express®
<b>Internal video modes</b>	The following internal video modes are supported: resolution : 1,366 x 768
<b>Max. external video modes</b>	max. resolution : 2,048 x 1,536
	max. refresh rate : 85 Hz
	non-interlaced resolution with max. refresh rate : 1,600 x 1,200
<b>Interfaces</b>	1 x DC-in
	1 x external monitor
	1 x RJ-45
	1 x external microphone
	1 x built-in microphone



	1 x headphone (stereo)
	1 x integrated VGA Web Camera
	1 x HDMI supporting 1080p signal format
	1 x USB 2.0
	1 USB 3.0
	1 x Multi-Card Reader (supports SD™ Card up to 2 GB, miniSD™/microSD™ Card with adapter up to 2 GB, SDHC™ Card up to 32 GB, SDXC™ Card up to 2 TB and MultiMedia Card™ up to 2 GB)
<b>Expansion</b>	2 x memory slots (1 to configure)
<b>Wireless communication</b>	Compliance : Wi-Fi™
	Network Support : 802.11b/g/n
	Wireless Technology : Wireless LAN (802.11b/g/n)
	Wireless Technology : Bluetooth® 3.0 + HS
<b>Wired communication</b>	topology : Gigabit Ethernet LAN
	speed : 10BASE-T/100BASE-TX/1000BASE-T
<b>Sound system</b>	supported audio format : 24-bit stereo
	speakers : built-in stereo speakers
	manufacturer : Toshiba Bass Enhanced Sound System
<b>Keyboard</b>	Keys : 87
	Windows® keys : Yes
	special features : Full-size black matt tile keyboard
<b>Pointing device</b>	type : Touchpad with multi-touch control supporting various scroll, zoom and launch functionalities at your fingertips. Featuring a separate touchpad on/off button.
<b>Battery</b>	technology : lithium-ion, 6 cell
	maximum life : up to 7 hours (Mobile Mark™ 2007)
<b>AC adapter</b>	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	output voltage : 19 V
	output current : 3.95 A
<b>Physical dimensions</b>	W x L x H : 341.0 x 239.0 x 19.9 (front) / 27.4 (rear) mm
	weight : starting at 1.99 kg
<b>Warranty</b>	1 -Year International warranty.
<b>Bundled hardware</b>	AC adapter
<b>Bundled software</b>	Toshiba Bluetooth™ Stack
	Toshiba Bluetooth™ Monitor
	Toshiba Disc Creator
	Toshiba User's Manual
	Supervisor Password Utility
	Toshiba Assist



	Chicony Camera Assistant Software
	Toshiba Face Recognition
	Toshiba Value Added Package (Toshiba Power Saver ,Toshiba Zooming Utility ,Toshiba PC Diagnostic Tool ,Toshiba Flash Cards ,Toshiba Components Common Driver ,Toshiba Accessibility ,Toshiba Button Support)
	McAfee® Internet Security (includes free Internet updates for 30 days)
	WildTangent Games Console
	Toshiba Photo Service
	Toshiba Recovery Media Creator
	Nero BackItUp & Burn Autobackup Essentials
	Bing Toolbar and Bing Search
	Amazon
	This PC includes limited functionality versions of Microsoft ® Word and Excel with advertising. Purchase Microsoft ® Office 2010 to activate a full-featured suite preloaded on this PC.
	Toshiba Video Player
	Nero Multimedia Suite 10 Essential
	Connectivity Doctor
	ConfigFree™
Toshiba utilities and drivers	
<b>Toshiba EasyMedia</b>	<p>➤ Security:</p> <ul style="list-style-type: none"><li>Execute Disable Bit (XD-Bit)</li><li>Toshiba Device Access Control (on request)</li><li>Antivirus Software</li><li>Password Utilities</li><li>Computrace® enabled BIOS</li><li>Intel® Anti-Theft</li><li>Toshiba Security Assist</li></ul>
	<p>➤ Protection:</p> <ul style="list-style-type: none"><li>Data Backup</li><li>Easy Fix Components</li><li>Optical Drive Auto Lock</li><li>Kensington Lock</li><li>Durable Design</li><li>Shock Protection Design</li><li>HDD Protection and 3D accelerometer</li><li>Spill-resistant Keyboard</li></ul>
	<p>➤ Connectivity:</p> <ul style="list-style-type: none"><li>Wireless LAN (802.11b/g/N)</li><li>Bluetooth®</li><li>Toshiba ConfigFree™</li><li>Video over IP ready</li><li>Voice over IP ready</li><li>Diversity Antenna</li></ul>



	<ul style="list-style-type: none"><li>➤ Manageability:</li><li>➤ Multi-Touch Touchpad</li><li>Toshiba Media Contoller</li><li>Toshiba LifeSpace</li><li>Eco Utility</li><li>PC Health Monitor</li><li>Toshiba TEMPRO Performance Tuning Service</li><li>Toshiba Power Saver Utility</li><li>Virtualization Technology</li><li>Dynadock 'USB Port Replicator' (optional)</li></ul>
<b>Security features</b>	HDD password on request
	supervisor password
	user password
	slot for Kensington Cable Lock
<b>Special features</b>	Enhanced Intel® SpeedStep® Technology
	HD Audio supporting
	SM BIOS compliant