



## TOSHIBA Tecra R840-11W

<b>Processor</b>	type : Intel® Core™ i7-2620M Processor
	clock speed : 2.70 / 3.40 Turbo GHz
	Front Side Bus : 1,333 MHz
	3rd level cache : 4 MB
<b>Operating system</b>	Genuine Windows® 7 Professional 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 : 6,144 (4,096 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,333 MHz)
<b>Hard disk</b>	capacity : 500 GB
	drive rotation : 7,200 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, 24x US CD-RW, 8x DVD-R, 6x DVD-R (Double Layer), 6x DVD-RW, 8x DVD+R, 6x DVD+R (Double Layer), 8x DVD+RW, 5x DVD-RAM
	type : DVD Super Multi (Double Layer) drive
<b>Display</b>	size : 35.6cm (14.0")
	type : Toshiba HD non-reflective High Brightness display with 16 : 9 aspect ratio and LED backlighting
	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 3,814 MB with 6 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 : 2,048 x 1,536
<b>Interfaces</b>	1 x DC-in
	1 x external monitor
	1 x expansion bus connector
	1 x RJ-45
	1 x external microphone



	1 x headphone (stereo)
	1 x integrated HD Web Camera (1,280 x 800) with AutoMacro support and built-in microphone
	1 x USB 3.0
	1 x Mini DisplayPort
	1 x Multi-Card Reader (supports SD™ Cards up to 32 GB, Memory Stick® up to 256 MB, Memory Stick Pro™ up to 4 GB, MultiMedia Card™ up to 2 GB and xD-Picture Card™ up to 2 GB)
	1 x USB 2.0
<b>Expansion</b>	2 x memory slots (1 to configure)
	1 x Express Card™ slot
	1 x connection to Toshiba Express Port Replicator II
<b>Wireless communication</b>	Wireless Technology : Bluetooth® 3.0
	Compliance : Wi-Fi™
	Network Support : 802.11a/b/g/n
	Wireless Technology : Wireless LAN (802.11a/g/N)
<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 speaker
<b>Keyboard</b>	Keys : 87
	Windows® keys : Yes
	special features : Full-size matt black tile keyboard
<b>Battery</b>	technology : lithium-ion
	maximum life : up to 11 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
	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 EasyGuard</b>
<p>Protection :</p> <ul style="list-style-type: none"> <li>Easy Fix Components</li> <li>Kensington Lock</li> <li>PC Diagnostics</li> <li>Durable Design</li> <li>Shock Protection Design</li> <li>HDD Protection and 3D accelerometer</li> <li>Optical Drive Auto Lock</li> <li>Data Backup</li> <li>Spill-resistant Keyboard</li> </ul>	
<p>Connectivity :</p> <ul style="list-style-type: none"> <li>Diversity Antenna</li> <li>Voice over IP ready</li> <li>Video over IP ready</li> <li>Toshiba ConfigFree™</li> <li>Bluetooth®</li> <li>Wireless LAN (802.11a/b/g/N)</li> </ul>	



	<p>Manageability :</p> <ul style="list-style-type: none"><li>AccuPoint™ mouse pointer</li><li>Toshiba Media Controller</li><li>Multi-Touch Touchpad</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>Intel® Active Management Technology</li><li>Port Replicator (optional)</li><li>Dynadock 'USB Port Replicator' (optional)</li><li>Virtualization Technology</li></ul>
<b>Security features</b>	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
	user password
<b>Special features</b>	SM BIOS compliant
	HD Audio supporting
	Enhanced Intel® SpeedStep® Technology