



TOSHIBA Tecra R10-14C

Technology	type : Intel® Centrino® 2 with vPro™ technology featuring Intel® Core™2 Duo processor SP9400, Intel® GS45 Express chipset and Intel® WiFi Link 5100
	clock speed : 2.40 GHz
	Front Side Bus : 1066 MHz
	2nd level cache : 6 MB
Operating system	Genuine Windows Vista® Business 32-bit Edition (pre-installed, Toshiba-HDD recovery) and Downgrade to Genuine Windows® XP Professional Edition (Toshiba-Recovery DVD)
System memory	standard : 4,096 (2,048 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR2 RAM (800 MHz)
Hard disk	capacity : 320 GB
	certification : S.M.A.R.T.
	drive rotation : 5,400 rpm
DVD Super Multi drive (Double Layer)	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 : Slim Ultralight DVD Super Multi (Double Layer) drive
Display	size : 14 "
	type : Toshiba WXGA+ TFT display with LED backlight technology
	internal resolution : 1,440 x 900
Graphics adapter	manufacturer : NVIDIA®
	type : NVIDIA® Quadro® NVS 150M supporting TurboCache™ technology
	memory amount : 128 MB dedicated VRAM (up to 1,405 MB total available graphics memory using TurboCache™ technology with 4 GB system memory)
	memory type : GDDR3 (700 MHz) Video RAM (resp. Video RAM and system memory combined)
connected bus : 16x PCI Express	
Internal video modes	The following internal video modes are supported: resolution : 1,440 x 900
Max. external video modes	max. resolution : 2,048 x 1,536
	max. refresh rate : 100 Hz
	non-interlaced resolution with max. refresh rate : 1,600 x 1,200
Interfaces	1 x DC-in
	1 x external monitor
	1 x RJ-45
	1 x SD™ Card slot
	1 x external microphone
	1 x built-in microphone



	1 x headphone (stereo)
	2 x USB 2.0
	1 x integrated VGA Web Camera
	1 x eSATA/USB 2.0 Sleep-and-Charge
Expansion	2 x memory slots
	1 x Express Card™ slot
	1 x connection to Toshiba Express Port Replicator 2 (optional)
Wireless communication	Wireless Technology : Bluetooth®
	Compliance : 3G Network Support : HSPA/UMTS at 2100 MHz and GSM/GPRS/EDGE quad bands at 850/900/1800/1900 MHz Wireless Technology : Mobile Broadband WWAN/3G (HSDPA 7.2Mbps / HSUPA 2Mbps)
	Compliance : Wi-Fi™ Network Support : 802.11a/b/g Wireless Technology : Wireless LAN (802.11a/b/g)
Wired communication	topology : Gigabit Ethernet LAN
	speed : 10BASE-T/100BASE-TX/1000BASE-T
Sound system	supported audio format : 24-bit stereo
	speakers : built-in stereo speaker
Keyboard	Keys : 86
	Windows® keys : Yes
	special features : spill-resistant keyboard
Pointing device	type : Touch Pad
Battery	technology : lithium-ion
	maximum life : up to 4h45min (Mobile Mark™ 2007)
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
Physical dimensions	W x L x H : 337x 252 x 28.7 (front) / 30.6 (rear) mm
	weight : starting at 1.97 kg
Warranty	1-year international warranty.
Bundled hardware	AC adapter
Bundled software	Toshiba Recovery Disc Creator
	Toshiba Face Recognition
	Genuine Windows® XP Professional Edition Recovery DVD-ROM
	Toshiba DVD Player
	Toshiba utilities and drivers
	Toshiba Assist
	Toshiba Security Assist
	Toshiba User's Manual
	Toshiba Disc Creator
	Toshiba Bluetooth® Monitor



	Toshiba Bluetooth® Stack
	Connectivity Doctor
	Toshiba ConfigFree™
	Toshiba Management Console
	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)
	Google Pack (Google Toolbar for Internet Explorer, Google Desktop, Picasa)
	Toshiba Camera Assistant Software
Toshiba EasyGuard	PC Health Monitor
	Toshiba TEMPRO Performance Tuning Service
	Bluetooth™ 2.1 with EDR
	3G Mobile Broadband WWAN-ready connectivity
	Intel® Active Management Technology
	Toshiba Management Console
	Toshiba Power Saver Utility
	Intel® Virtualisation Technology
	'Dynadock' USB Port Replicator (optional)
	Port Replicator (optional)
	Wireless Communication Switch
	Video over IP ready
	Voice over IP ready
	Toshiba Security Assist
	Computrace® enabled BIOS
	Advanced Encryption
	Toshiba Wireless Key Log-on with Bluetooth® phone
	Toshiba Device Access Control (upon request)
	Toshiba Anti-theft Protection Timer
	Fingerprint Reader-Single Sign On
	Antivirus Software
	Diversity Antenna
	Toshiba ConfigFree™
	Kensington Lock
	PC Diagnostics
	Spill-resistant Keyboard
	HDD Protection (3-axis)
	Shock Protection Design
	Durable Design
	Data Backup
Easy Fix Components	



	Password Utility
	Execute Disable Bit Protection (XD-Bit)
Security features	main battery pack (by sliding latch)
	user password
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
	main memory (by screw)
	keyboard lock
	main hard disk (by screw)
Special features	ENERGY STAR qualified computer
	integrated VGA Web Camera for Video over IP
	Enhanced Intel® SpeedStep® Technology
	integrated microphone for Voice over IP
	HD Audio supporting
	Toshiba Assist button
	Toshiba Assist button
	Toshiba Presentation button
	common docking and options with other Toshiba notebooks
SM BIOS compliant	