



TOSHIBA Tecra M11-13W	
Technology	type : Intel® Core™ i7-620M Processor
	clock speed : 2.66 / 3.33 Turbo GHz
	Front Side Bus : 1,066 MHz
	3rd level cache : 4 MB
Operating system	Genuine Windows® 7 Professional 64-bit (pre-installed, Toshiba-HDD recovery) and Downgrade to Genuine Windows® XP Professional Edition (Toshiba-Recovery DVD)
Design Colour	colour : Precious Black with black keyboard
System memory	standard : 4,096 (2,048 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,066 MHz)
Hard disk	capacity : 320 GB
	drive rotation : 7,200 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 : DVD Super Multi (Double Layer) drive
Display	size : 35.6cm (14.0")
	type : Toshiba HD+ TFT High Brightness display with LED backlight and 16 : 9 aspect ratio
	internal resolution : 1,600 x 900
Graphics adapter	manufacturer : NVIDIA®
	type : NVIDIA® Quadro® NVS 2100M with CUDA™ technology
	memory amount : 512 MB dedicated VRAM (total available graphics memory using TurboCache™ technology can be up to 1,752 MB with a 32-bit operating system and 3 GB system memory or 4,094 MB with a 64-bit operating system and 8 GB system memory)
	memory type : DDR3 Video RAM (resp. Video RAM and system memory combined)
	connected bus : PCI Express®
Internal video modes	The following internal video modes are supported: resolution : 1,600 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 : 1,920 x 1,200
Interfaces	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 (Left) x eSATA/USB 2.0 supporting USB Sleep-and-Charge
	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)
	2 (Right 1, Rear 1) x USB 2.0
Expansion	2 x memory slots (1 to configure)
	1 x Express Card™ slot
	1 x connection to Toshiba Express Port Replicator 2 (optional)
Wireless communication	Wireless Technology : Bluetooth®
	Compliance : Wi-Fi™
	Network Support : 802.11a/g/n
	Wireless Technology : Wireless LAN (802.11a/g/N)
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 : 87
	Windows® keys : Yes
Pointing device	type : DualPoint
	description : Toshiba Dual Pointing Device
Battery	technology : lithium-ion
	maximum life : up to 4h27min (Mobile Mark™ 2007)
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	output voltage : 15 V
	output current : 5 A
Physical dimensions	W x L x H : 349.0 x 242.0 x 32.8 (front) / 36.5 (rear) mm
	weight : starting at 2.52 kg
Warranty	1-year international warranty.
Bundled hardware	AC adapter
Bundled software	Toshiba Bluetooth® Stack
	Toshiba Bluetooth® Monitor
	Toshiba Disc Creator
	Toshiba User's Manual
	Toshiba Assist
	Toshiba Camera Assistant Software



	Toshiba DVD Player
	free 60-day trial of Microsoft® Office Professional 2007
	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)
	Google Toolbar
	McAfee® Internet Security (includes free Internet updates for 30 days)
	Toshiba Photo Service
	Toshiba Recovery Media Creator
	Connectivity Doctor
	Toshiba ConfigFree™
Toshiba utilities and drivers	
Toshiba EasyGuard	Security : Toshiba Device Access Control (on request) Execute Disable Bit (XD-Bit) Advanced Encryption (TPM and BitLocker™) Fingerprint Reader-Single Sign On SmartCard Reader Computrace® enabled BIOS Password Utilities Antivirus Software Toshiba Security Assist Intel® Anti-Theft
	Protection : Optical Drive Auto Lock Shock Protection Design HDD Protection and 3D accelerometer Spill-resistant Keyboard PC Diagnostics Kensington Lock Data Backup Easy Fix Components Durable Design
	Connectivity : Diversity Antenna Voice over IP ready Video over IP ready Toshiba ConfigFree™ Bluetooth® v2.0/2.1 with EDR Wireless LAN (802.11a/b/g/N) Wireless Communication Switch Mini DisplayPort
	Manageability : Toshiba LifeSpace AccuPoint™ mouse pointer Eco Utility PC Health Monitor Toshiba TEMPRO Performance Tuning Service Toshiba Power Saver Utility Virtualization Technology Dynadock 'USB Port Replicator' (optional) Port Replicator (optional) Intel® Active Management Technology



Security features	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
	keyboard lock
	Wireless LAN switch
	user password
Special features	SM BIOS compliant
	common docking and options with other Toshiba notebooks
	HD Audio supporting
	integrated microphone for Voice over IP
	Enhanced Intel® SpeedStep® Technology
	ENERGY STAR qualified computer