



## TOSHIBA TECRA A11-185

<b>Processor</b>	Type: Intel® Core™ i5-520M Processor
	clock speed : 2.40 / 2.93 Turbo GHz
	Front Side Bus : 1,066 MHz
	3rd level cache : 3 MB
<b>Operating system</b>	Genuine Windows® 7 Professional 32-bit (pre-installed, Toshiba-HDD recovery) + Downgrade to Genuine Windows® XP Professional (Toshiba-Recovery DVD)
<b>System memory</b>	standard : 4,096 (2,048 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,066 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, 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 : 15.6 "
	type : Toshiba HD TFT High Brightness display with LED backlight and 16 : 9 aspect ratio
	internal resolution : 1,366 x 768
<b>Graphics adapter</b>	manufacturer : Intel®
	type : Intel® QM57 Express Chipset with Intel® Graphics Media Accelerator HD
	memory amount : total available graphics memory can be up to 1,228 MB with a 32-bit operating system and 3 GB system memory or 1,696 MB with a 64-bit operating system and 4 GB system memory
	memory type : shared
<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 expansion bus connector
	1 x RJ-11
	1 x RJ-45
	1 x serial



	1 x external microphone
	1 x headphone (stereo)
	1 x Multi-Card Reader (supports SD™ Cards up to 16 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 Mini DisplayPort
	3 (Left 1, Right 2) x USB 2.0
	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
<b>Expansion</b>	2 x memory slots
	1 x ExpressCard slot
	1 x connection to Toshiba Express Port Replicator 2 (optional)
<b>Wireless communication</b>	Wireless Technology : Bluetooth®
	Compliance : Wi-Fi™
	Network Support : 802.11 a/g/n
	Wireless Technology : Wireless LAN
<b>Wired communication</b>	topology : international V.90 modem (V.92 ready)
	speed : 56 Kbps data and 14.4 Kbps fax
	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
<b>Keyboard</b>	Keys : 105
	Windows® keys : Yes
	special features : full-size keyboard with 10-digit numeric keypad
<b>Pointing device</b>	type : Touch Pad
<b>Battery</b>	technology : lithium-ion
	maximum life : up to 4h40min (Mobile Mark™ 2007)
<b>AC adapter</b>	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	output voltage : 15 V
	output current : 5 A
<b>Physical dimensions</b>	W x L x H : 374.0 x 250.5 x 33.4 (front) / 37.6 (rear) mm
	weight : starting at 2.54 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 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
ConfigFree™	
Toshiba utilities and drivers	
<b>Toshiba EasyGuard</b>	<p>Security:</p> <ul style="list-style-type: none"> <li>Toshiba Device Access Control (on request)</li> <li>Execute Disable Bit (XD-Bit)</li> <li>Advanced Encryption (TPM and BitLocker™)</li> <li>Fingerprint Reader-Single Sign On</li> <li>Computrace® enabled BIOS</li> <li>Password Utilities</li> <li>Antivirus Software</li> <li>Toshiba Security Assist</li> </ul>
	<p>Protection:</p> <ul style="list-style-type: none"> <li>Optical Drive Auto Lock</li> <li>Shock Protection Design</li> <li>HDD Protection and 3D accelerometer</li> <li>Spill-resistant Keyboard</li> <li>PC Diagnostics</li> <li>Kensington Lock</li> <li>Data Backup</li> <li>Easy Fix Components</li> <li>Durable Design</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® v2.0/2.1 with EDR</li> <li>Wireless LAN (802.11a/b/g/N)</li> <li>Wireless Communication Switch</li> <li>Mini DisplayPort</li> </ul>



	<p>Manageability:</p> <ul style="list-style-type: none"><li>Intel® Anti-Theft</li><li>10-Digit Numeric Keypad</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><li>Port Replicator (optional)</li><li>Intel® Active Management Technology</li></ul>
<b>Security features</b>	keyboard lock
	wireless LAN switch
	user password
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
<b>Special features</b>	ENERGY STAR qualified computer
	SM BIOS compliant
	Enhanced Intel® SpeedStep® Technology
	integrated microphone for Voice over IP
	HD Audio supporting
	common docking and options with other Toshiba notebooks