

TOSHIBA TECRA A11-185	
Processor	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
Operating system	Genuine Windows® 7 Professional 32-bit (pre-installed, Toshiba-HDD recovery) + Downgrade to Genuine Windows® XP Professional (Toshiba-Recovery DVD)
System memory	standard : 4,096 (2,048 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,066 MHz)
Hard disk	capacity : 500 GB
	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 : DVD Super Multi (Double Layer) drive
Display	size : 15.6 "
	type : Toshiba HD TFT High Brightness display with LED backlight and 16 : 9 aspect ratio
	internal resolution : 1,366 x 768
Graphics adapter	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
Internal video modes	The following internal video modes are supported: resolution : 1,366 x 768
Max. external video modes	max. resolution : 2,048 x 1,536
	max. refresh rate : 85 Hz
	non-interlaced resolution with max. refresh rate : 1,600 x 1,200
Interfaces	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
Expansion	2 x memory slots
	1 x ExpressCard slot
	1 x connection to Toshiba Express Port Replicator 2 (optional)
Wireless communication	Wireless Technology : Bluetooth®
	Compliance : Wi-Fi™
	Network Support : 802.11 a/g/n
	Wireless Technology : Wireless LAN
Wired communication	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
Sound system	supported audio format : 24-bit stereo
	speakers : built-in stereo speakers
Keyboard	Keys : 105
	Windows® keys : Yes
	special features : full-size keyboard with 10-digit numeric keypad
Pointing device	type : Touch Pad
Battery	technology : lithium-ion
	maximum life : up to 4h40min (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 : 374.0 x 250.5 x 33.4 (front) / 37.6 (rear) mm
	weight : starting at 2.54 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
	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
Toshiba EasyGuard	<p>Security:</p> <ul style="list-style-type: none"> Toshiba Device Access Control (on request) Execute Disable Bit (XD-Bit) Advanced Encryption (TPM and BitLocker™) Fingerprint Reader-Single Sign On Computrace® enabled BIOS Password Utilities Antivirus Software Toshiba Security Assist
	<p>Protection:</p> <ul style="list-style-type: none"> 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
	<p>Connectivity:</p> <ul style="list-style-type: none"> 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



	<p>Manageability:</p> <ul style="list-style-type: none">Intel® Anti-Theft10-Digit Numeric KeypadToshiba LifeSpaceEco UtilityPC Health MonitorToshiba TEMPRO Performance Tuning ServiceToshiba Power Saver UtilityVirtualization TechnologyDynadock 'USB Port Replicator' (optional)Port Replicator (optional)Intel® Active Management Technology
Security features	keyboard lock
	wireless LAN switch
	user password
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
Special features	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