

TOSHIBA TECRA A11-1C8	
Processor	Type: Intel® Core™ i5-560M Processor
	clock speed : 2.66 / 3.20 Turbo GHz
	Front Side Bus : 1,066 MHz
	3rd level cache : 3 MB
Operating system	Genuine Windows® 7 Professional 64-bit (pre-installed, Toshiba-HDD recovery)
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 : 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/b/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
	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 9 Essentials
	Nero BackItUp & Burn Autobackup Essentials
	Skype
	Bing Toolbar and Bing Search
	Windows Live Essentials
	eBay
	Amazon
	Microsoft® Office Starter 2010
	Connectivity Doctor
	ConfigFree™
	Toshiba utilities and drivers
Toshiba EasyGuard	Security: Execute Disable Bit (XD-Bit) Toshiba Device Access Control (on request) Advanced Instant Security Advanced Encryption (TPM and BitLocker™) Toshiba Security Assist Computrace® enabled BIOS Password Utilities Antivirus Software Fingerprint Reader-Single Sign On
	Protection: Shock Protection Design HDD Protection and 3D accelerometer Spill-resistant Keyboard Durable Design Optical Drive Auto Lock Easy Fix Components Data Backup Kensington Lock PC Diagnostics



	<p>Connectivity:</p> <ul style="list-style-type: none"> Diversity Antenna Voice over IP ready Wireless Communication Switch Wireless LAN (802.11a/b/g/N) Bluetooth® Toshiba ConfigFree™ Video over IP ready Mini DisplayPort
	<p>Manageability:</p> <ul style="list-style-type: none"> Intel® Active Management Technology Port Replicator (optional) Dynadock 'USB Port Replicator' (optional) Virtualization Technology Toshiba Power Saver Utility Toshiba TEMPRO Performance Tuning Service PC Health Monitor Eco Utility Toshiba LifeSpace 10-Digit Numeric Keypad
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
	EasyControl Bar with 4 Control Buttons (Volume+, Volume-, Eco Utility Button, Toshiba Presentation Button)
	Enhanced Intel® SpeedStep® Technology
	integrated microphone for Voice over IP
	HD Audio supporting
	common docking and options with other Toshiba notebooks
integrated HD Web Camera (1,280 x 800) with AutoMacro support for Video over IP	