

Tecra A11-1FZ	
Processor	Intel® Core™ i5-560M Processor . clock speed : 2.66 / 3.20 Turbo GHz. 3rd level cache : 3 MB. Front Side Bus : 1,066 MHz.
Operating system	Windows® 7 Professional 64-bit (pre-installed, Toshiba-HDD recovery) .
Design Colour	colour : PreciousBlack with black keyboard .
System memory	standard : 3,072 (2,048 + 1,024) 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 . DVD Super Multi (Double Layer) drive .
Display	size : 39.6cm (15.6") . Toshiba HD+ TFT High Brightness display with LED backlight and 16 : 9 aspect ratio . internal resolution : 1,600 x 900 .
Graphics adapter	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 .
Internal video modes	resolution : 1,600 x 900 .
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 serial . 1 (Left) x eSATA/USB 2.0 supporting USB Sleep-and-Charge . 1 x external monitor . 1 x DC-in . 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 expansion bus connector . 1 x integrated HD Web Camera (1,280 x 800) with AutoMacro support and built-in microphone . 3 (Left 1, Right 2) x USB 2.0 . 1 x Mini DisplayPort . 1 x headphone (stereo) . 1 x external microphone . 1 x RJ-45 .
Expansion	1 x connection to Toshiba Express Port Replicator 2 (optional) . 1 x ExpressCard slot . 2 x memory slots .
Wireless communication	Compliance : Wi-Fi™ . Network Support : 802.11a/b/g/n . Manufacturer : Intel® . Wireless Technology : Wireless LAN . Version : Intel® Centrino® Advanced-N 6200 . Manufacturer : Taiyo Yuden . Wireless Technology : Bluetooth® .
Wired communication	topology : Gigabit Ethernet LAN . speed : 10BASE-T/100BASE-TX/1000BASE-T . connector : RJ-45 .
Keyboard	keys : 105 . Windows keys : Yes . special features : full-size keyboard with 10-digit numeric keypad .
Pointing device	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.
Sound system	supported audio format : 24-bit stereo . speakers : built-in stereo speaker .
Warranty	1 year EMEA Carry-in. Toshiba also offers a large range of services to upgrade your standard warranty, please have a look at our website www.toshiba-europe.com/services to find the right service for your product .
Bundled hardware	AC adapter .
Bundled software	Toshiba Assist . Toshiba Bluetooth™ Monitor . Toshiba Bluetooth™ Stack . Bing Toolbar and Bing Search . McAfee® Internet Security (includes free Internet updates for 30 days) . Connectivity Doctor . Chicony Camera Assistant Software . Toshiba DVD Player . Toshiba Face Recognition . Toshiba Recovery Media Creator . Windows Live Essentials . eBay . WildTangent Games Console . Toshiba User's Manual . ConfigFree™ . Toshiba utilities and drivers . Toshiba Disc Creator . Nero 9 Essentials . Nero BackItUp & Burn Autobackup Essentials . This PC includes limited functionality versions of Microsoft® Word and Excel with advertising . Purchase Microsoft® Office 2010 to activate a full-featured suite preloaded on this PC. 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) . Skype . Toshiba Photo Service . Amazon .

Toshiba EasyGuard - Security	Toshiba Device Access Control (on request) .Execute Disable Bit (XD-Bit) .Advanced Encryption (TPM) .Antivirus Software .Toshiba Security Assist .Like a car alarm for the notebook, this user-configurable alarm system works by monitoring the tilt angle, acceleration, shock, vibration and movement of the system and triggering an alarm in the event of theft. .Fingerprint Reader-Single Sign On .Computrace®-enabled BIOS .Password Utilities .
Toshiba EasyGuard - Protection	Spill-resistant Keyboard .HDD Protection and 3D accelerometer .Shock Protection Design .Easy Fix Components .Optical Drive Auto Lock .Durable Design .PC Diagnostics .Kensington Lock .Data Backup .
Toshiba EasyGuard - Connectivity	Diversity Antenna .Voice over IP ready .Video over IP ready .Toshiba ConfigFree™ .Mini DisplayPort .Bluetooth® .Wireless LAN (802.11a/b/g/n) .Wireless Communication Switch .
Toshiba EasyGuard - Manageability	Intel® Active Management Technology .Port Replicator (optional) .Toshiba TEMPRO Performance Tuning Service .PC Health Monitor .Eco Utility .Dynadock 'USB Port Replicator' (optional) .Virtualization Technology .Toshiba Power Saver Utility .10-Digit Numeric Keypad .
Security features	keyboard lock .wireless LAN switch .user password .supervisor password .HDD password on request .slot for Kensington Cable Lock .
Special features	integrated microphone for Voice over IP .EasyControl Bar with 4 Control Buttons (Volume+, Volume-, Eco Utility Button, Toshiba Presentation Button) .HD Audio supporting .common docking and options with other Toshiba notebooks .SM BIOS compliant .ENERGY STAR qualified computer .Enhanced Intel® SpeedStep® Technology .integrated HD Web Camera (1,280 x 800) with AutoMacro support for Video over IP .
Casework	polycarbonate ABS .
Certification	The manufacturer declares that this product complies with the following directives and regulations for the CE-marking. Responsible for CE marking is Toshiba Europe GmbH, Hammfelddam 8, 41460 Neuss, Germany .

CPU performance may vary from specifications under certain conditions such as the use of battery instead of AC power, certain external peripherals, certain multimedia applications or network connections, complex modeling software and in areas with low air pressure (high altitude (1,000 metres above sea level) and/or certain temperatures. CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer may automatically shutdown as a normal protective measure. To avoid risk of lost data, please make periodic back-up copies. For optimum performance, use your computer only under recommended conditions. Please read detailed restrictions in the product resource guide, visit the Toshiba web site: www.computers.toshiba-europe.com and/or contact Toshiba Technical Support. - Graphics processor unit (GPU) performance may vary depending on product model, design configuration, applications, power management settings and features utilized. - Part of the main system memory may be used by the graphics system and therefore reduce the amount of main system memory available. - For PCs configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration. - For information about upgrading your system memory, please refer to the user manual or contact your local Toshiba service provider. - One GB means one billion bytes, accessible capacity may be less. - Wired and wireless communication capabilities to be applied in countries where approved. - Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information that shipped with your computer or visit the Toshiba web site at www.computers.toshiba-europe.com. - Small brightness may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small brightness that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. - Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected. - Please check your system specifications to ensure optimal results. - Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your selected model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis. - Performance may vary depending on product model, configuration, video content/formats/settings as well as the performance variations of individual hardware components. Results were achieved on select models and configurations tested by Toshiba at the time of publication.

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