

Satellite P850-B488	
Processor	3rd generation Intel® Core™ i7-3630QM Processor with Intel® Turbo Boost Technology 2.0 . clock speed : 2.40 / 3.40 Turbo GHz. 3rd level cache : 6 MB.
Operating system	Windows 8 Single Language 64-bit (pre-installed).
Design Colour	colour : Precious Silver Brushed Aluminium Finish, black keyboard .
System memory	standard : 8,192 (4,096 + 4,096) MB. maximum expandability : 16,384 MB. technology : DDR3 RAM (1,600 MHz) .
Hard disk	capacity : 1 TB. 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 . DVD Super Multi (Double Layer) drive .
Display	size : 39.6cm (15.6") . Toshiba TruBrite® HD TFT High Brightness display with 16 : 9 aspect ratio and LED backlighting . internal resolution : 1,366 x 768
Graphics adapter	NVIDIA® GeForce® GT 630M with CUDA™ Technology and NVIDIA® Optimus™ Technology . memory amount : 2,048 MB dedicated VRAM. Available graphics memory can be expanded using system memory, through TurboCache™ technology: up to 4,095 MB with 6 GB system memory installed as shown in the NVIDIA control panel, (with pre-installed 64-bit operating system) .
Internal video modes	resolution : 1,366 x 768 .
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 Multi-Card Reader (supports SD™ Card up to 2 GB, miniSD™/microSD™ Card with adapter up to 2 GB, SDHC™ Card up to 32 GB, SDXC™ Card up to 64 GB and MultiMedia Card™ up to 2 GB) . 2 x USB 3.0 supporting USB Sleep-and-Charge . 1 x integrated 2.0MP FHD Web Camera (1,920 x 1,080) with built-in microphone . 1 x external monitor . 1 x HDMI-out supporting 1080p signal format . 1 x RJ-45 . 1 x headphone (stereo) . 2 x USB 3.0 . 1 x external microphone supporting Sleep-and-Music .
Expansion	2 x memory slots .
Wireless communication	Compliance : Wi-Fi™ . Network Support : 802.11b/g/n . Manufacturer : Intel® . Wireless Technology : Wireless LAN . Version : Intel® Centrino® Wireless-N 2230 . Manufacturer : Intel® . Wireless Technology : Bluetooth® 4.0 .
Wired communication	topology : Gigabit Ethernet LAN . speed : 10BASE-T/100BASE-TX/1000BASE-T . connector : RJ-45 .
Keyboard	keys : 102 . Windows keys : Yes . special features : Matt black tile backlit keyboard and 10-digit numeric keypad .
Pointing device	Clickpad with multi-touch control gestures supporting various scroll, zoom and launch functionalities at your fingertips .
Battery	technology : lithium-ion . maximum life : up to 4h30min (Mobile Mark™ 2012) .
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage . output voltage : 19 V. output current : 6.32 A.
Physical dimensions	W x L x H : 385.0 x 252.5 x 27.65 (front) /31.40 (rear) mm. weight : starting at 2.66 kg.
Sound system	supported audio format : 24-bit stereo . speakers : built-in Harman Kardon® stereo speakers with Slip Stream Technology support .
Warranty	1 year international Carry-in. Toshiba also offers a large range of services to upgrade your standard warranty, please have a look at our website http://www.toshibamea.com/servicesolutions to find the right service for your product. .
Bundled hardware	AC adapter .

Bundled software	TOSHIBA Eco Utility™ .TOSHIBA HDD Protection .McAfee® Internet Security (includes complimentary 30 day subscription) .Microsoft® Office trial .Intel® AppUp Center .Intel® Rapid Storage Technology .Nero 12 Essentials .TOSHIBA Function Key .TOSHIBA Media Player by sMedia TrueLink+ .TOSHIBA Desktop Assist .TOSHIBA Service Station .TOSHIBA System Settings .TOSHIBA TempPro .TOSHIBA VIDEO PLAYER .SRS Premium Sound 3D™ .Intel® Wireless Display .McAfee® Security Advisor for Toshiba .Microsoft® FreshPaint .Microsoft® Solitaire Collection .TOSHIBA PC Health Monitor .TOSHIBA Recovery Media Creator .TOSHIBA Places .TOSHIBA Resolution+ Plug-in for Windows Media Player .TOSHIBA Fingerprint Utility .
Toshiba EasyMedia - Easy Entertainment	2 Harman Kardon® Stereo Speakers .SRS Premium Sound 3D™ .HDMI with 3D TV support .Toshiba Resolution+ Video Upscaling .Sleep-and-Music .
Toshiba EasyMedia - Easy Connectivity	4x USB 3.0 .Intel® Wireless Display .
Toshiba EasyMedia - Easy Usability	Fingerprint Reader Single Sign-On .USB Sleep-and-Charge .Power-saving Eco Utility .Backlit keyboard .
Security features	user password .supervisor password .HDD password on request .slot for Kensington Cable Lock .
Special features	HD Audio supporting .SM BIOS compliant .ENERGY STAR 5.0 qualified computer .Enhanced Intel® SpeedStep® Technology .
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 at 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 shut down 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 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 bright LEDs 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 bright LEDs 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 production run. 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 format 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.

TOSHIBA
Leading Innovation >>>