



## TOSHIBA Satellite Pro L450-17R

<b>Processor</b>	type : Intel® Core™2 Duo processor T6570
	clock speed : 2.10 GHz
	Front Side Bus : 800 MHz
	2nd level cache : 2 MB
<b>Operating system</b>	Genuine Windows® 7 Home Premium 64-bit (pre-installed, Toshiba-HDD recovery) and Genuine Windows® 7 Home Premium 32-bit (Toshiba-Recovery DVD) Recommended upgrade to Genuine Windows® 7 Professional
<b>Design Colour</b>	colour : Aluminium Silver with black keyboard
<b>System memory</b>	standard: 2,048 MB
	maximum expandability: 8,192 MB
	technology: DDR3 RAM (1,066 MHz)
<b>Hard disk</b>	capacity: 250 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: 39.6cm(15.6")
	type: Toshiba TruBrite® HD TFT High Brightness display with 16:9 aspect ratio
	internal resolution: 1,366 x 768
<b>Graphics adaptor</b>	manufacturer: Intel®
	type: Mobile Intel® GMA 4500MHD
	memory : total available graphics memory can be up to 1,340 MB with a 32-bit operating system and 3 GB system memory or 1,759 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 RJ-45
	1 x external microphone
	1 x headphone (stereo)
	3 (Left 2, Right 1) x USB 2.0
	1 x 4-in-1 Bridge Media slot (supports SD™ Cards up to 16 GB, Memory Stick® up to 256 MB, Memory Stick Pro™ up to 2 GB, MultiMedia Card™ up to 2 GB)



	1 x HDME supporting 1080p signal format
	1 x integrated VGA Web Camera with built-in microphone
<b>Expansion</b>	2 x memory slots ( 1 to configure )
<b>Wireless communication</b>	Compliancy: Wi-Fi®
	Network Support: 802.11b/g/N
	Wireless Technology: Wireless LAN
<b>Wired communication</b>	topology : Fast Ethernet LAN
	speed: 10BASE-T/100BASE-TX
<b>Sound system</b>	supported audio format : 24-bit stereo
	speakers : built-in stereo speaker
	manufacturer: Realtek
<b>Keyboard</b>	keys: 87
	Windows keys: Yes
<b>Pointing device</b>	type : Touch Pad
<b>Battery</b>	technology: lithium-ion
	maximum life: up to 3h15min (Mobile Mark™ 2007)
<b>AC adaptor</b>	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	Output Voltage: 19 V
	Output Current: 3.42 A
<b>Physical dimensions</b>	W x D x H : 383 x 267 x 34,5 (front) / 38.5 (rear) mm
	weight : starting at 2.61 kg
<b>Warranty</b>	1-year international warranty.
<b>Bundled hardware</b>	AC adaptor
<b>Bundled software</b>	Toshiba Disc Creator
	Toshiba User's Manual
	Supervisor Password Utility
	Toshiba Assist
	Chicony Camera Assistant Software
	Toshiba DVD Player
	Toshiba Face Recognition
	Microsoft® Works, Microsoft® Office Home and Student 2007 (free 60-day trial)
	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)
	Wild Tangent Games Console
	Toshiba Photo Service



	Toshiba Recovery Media Creator
	Google Pack (Google Toolbar, iGoogle, Google Picasa)
	Connectivity Doctor
	ConfigFree™
	Toshiba utilities and drivers
<b>Security features</b>	user password
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
<b>Special features</b>	ENERGY STAR qualified computer
	integrated VGA Web Camera for Video over IP
	integrated microphone for Voice over IP
	SM BIOS-compliant
	HD Audio support