



## TOSHIBA Qosmio X500-123

<b>Processor</b>	type : Intel® Core™ i7 -720QM Processor
	clock speed : 1.60 / 2.80 Turbo GHz
	Front Side Bus : 1333 MHz
	3rd level cache : 6 MB
<b>Operating system</b>	Genuine Windows® 7 Home Premium 64-bit (pre-installed, Toshiba-HDD recovery)
<b>Design Colour</b>	colour : Precious Black with matt black keyboard
<b>System memory</b>	standard: 8,192 (4,096 + 4,096) MB
	maximum expandability: 8,192 MB
	technology: DDR3 RAM (1,066 MHz)
<b>Hard disk</b>	capacity: 1,140 (640 + 500) GB
	drive rotation: 5,400 rpm
<b>Blu-ray Disc™ drive</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, BD-ROM, BD-R, BD-R(DL), BD-RE, BD-RE(DL)
	maximum speed: Read: 24x CD-ROM, 8x DVD-ROM, 6x BD-ROM/ Write: 24x CD-R, 4x CD-RW, 10x HS CD-RW, 24x US CD-RW, 8x DVD-R, 4x DVD-R (Double Layer), 6x DVD-RW, 8x DVD+R, 4x DVD+R (Double Layer), 8x DVD+RW, 5x DVD-RAM, 6x BD-R, 4x BD-R (Double Layer), 6x BD-RE, 2x BD-RE (Double Layer)
	type: Blu-ray Disc™ rewritable drive (BD-RE) with recording, rewriting and playback support
<b>Display</b>	size: 46.7cm (18.4")
	type: Toshiba TruBrite® Full HD High Brightness display with LED backlight with 16 : 9 aspect ratio
	internal resolution: 1,920 x 1,080
<b>Graphics adaptor</b>	manufacturer: NVIDIA®
	type: NVIDIA® GeForce® GT 360M with CUDA™ technology
	memory amount: 1,024 MB dedicated VRAM (total available graphics memory using TurboCache™ technology can be up to 2,298 MB with a 32-bit operating system and 3 GB system memory or 3,307 MB with a 64-bit operating system and 5 GB system memory)
	memory type: GDDR5 Video RAM (resp. Video RAM and system memory combined)
connected bus : PCI Express®	
<b>Internal video modes</b>	The following internal video modes are supported: resolution: 1,920 x 1,080
<b>Max External Video Modes</b>	Max Resolution : 2,048 x 1,536
	Max Refresh Rate : 100 Hz
	Non-interlaced resolution with max refresh rate : 1,920 x 1,200
<b>Interfaces</b>	1 x DC-in
	1 x RJ-45
	1 x i.LINK® (IEEE 1394)
	1 x external microphone



	1 x RGB
	1 x headphone (stereo)
	1 x S/PDIF-out (optical) shared with headphone socket
	1 x HDMI-CEC (REGZA-Link) supporting 1080p signal format
	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 (Left) x eSATA/USB 2.0 supporting USB Sleep-and-Charge
	1 x 5-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 and xD-Picture Card™ up to 2 GB)
<b>Expansion</b>	2 x memory slots (1 to configure)
	1 x ExpressCard slot
<b>Wireless communication</b>	Compliancy: Wi-Fi™
	Network Support: 802.11b/g
	Wireless Technology: Wireless LAN
	Wireless Technology : Bluetooth®
<b>Wired communication</b>	topology : Gigabit Ethernet LAN
	speed: 10BASE-T/100BASE-TX/1000BASE-T
<b>Sound system</b>	supported audio format : 24-bit stereo
	speakers : built-in Harman Kardon® stereo speaker SYSTEM
	manufacturer: Toshiba Bass Enhanced Sound System
<b>Keyboard</b>	keys: 105
	Windows keys: Yes
	special features : Standard numeric keypad
<b>Pointing device</b>	type : Touch Pad with Multi-Touch Control
<b>Battery</b>	technology: lithium-ion
	maximum life : up to 3h00min (Mobile Mark™ 2007)
<b>AC adaptor</b>	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	Output Voltage: 19 V
	Output Current: 9.5 A
<b>Physical dimensions</b>	W x L x H : 442.6 x 294.2 x 41.5 mm
	weight : starting at 4.6 kg
<b>Warranty</b>	1-year international warranty.
<b>Bundled hardware</b>	AC adaptor
<b>Bundled software</b>	Toshiba Bluetooth™ Stack
	Toshiba Bluetooth™ Monitor
	Toshiba Disc Creator
	Toshiba Assist



	Chicony Camera Assistant Software
	Toshiba DVD Player
	Toshiba Face Recognition
	HDMI Control Manager
	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)
	WildTangent Games Console
	Toshiba Photo Service
	Toshiba Recovery Media Creator
	Google Pack (Google Toolbar, iGoogle, Google Picasa)
	WinDVD® BD for Toshiba
	Corel® DVD MovieFactory® for Toshiba
	Connectivity Doctor
	ConfigFree™
Toshiba utilities and drivers	
<p><b>Toshiba EasyMedia</b></p>	<p>Easy Entertainment HDMI-CEC (REGZA-Link) S/PDIF 2 Harman Kardon® Stereo Speakers Resolution+</p> <p>Easy Connectivity Bluetooth® 2.1 with EDR Integrated Bridge Media Adapter Diversity Antenna Built-in Web Camera &amp; Microphone Toshiba Face Recognition</p> <p>Easy Usability Eco Utility PC Health Monitor Toshiba LifeSpace McAfee® Internet Security Toshiba TEMPRO Performance Tuning Service Smart Display Support USB Sleep-and-Charge HDD 3D Impact Sensor Touch Pad with Multi-Touch Control Backlit keyboard Control Buttons Fingerprint Reader Single Sign-On</p>
<p><b>Security features</b></p>	user password
	wireless LAN switch
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
<p><b>Special</b></p>	SM BIOS compliant



<b>features</b>	integrated microphone for Voice over IP
	HD Audio support
	ENERGY STAR qualified computer
	Enhanced Intel® SpeedStep® Technology
	Standard numeric keypad