



TOSHIBA Qosmio X500-123

Processor	type : Intel® Core™ i7 -720QM Processor
	clock speed : 1.60 / 2.80 Turbo GHz
	Front Side Bus : 1333 MHz
	3rd level cache : 6 MB
Operating system	Genuine Windows® 7 Home Premium 64-bit (pre-installed, Toshiba-HDD recovery)
Design Colour	colour : Precious Black with matt black keyboard
System memory	standard: 8,192 (4,096 + 4,096) MB
	maximum expandability: 8,192 MB
	technology: DDR3 RAM (1,066 MHz)
Hard disk	capacity: 1,140 (640 + 500) GB
	drive rotation: 5,400 rpm
Blu-ray Disc™ drive	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
Display	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
Graphics adaptor	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®	
Internal video modes	The following internal video modes are supported: resolution: 1,920 x 1,080
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 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)
Expansion	2 x memory slots (1 to configure)
	1 x ExpressCard slot
Wireless communication	Compliancy: Wi-Fi™
	Network Support: 802.11b/g
	Wireless Technology: Wireless LAN
	Wireless Technology : Bluetooth®
Wired communication	topology : Gigabit Ethernet LAN
	speed: 10BASE-T/100BASE-TX/1000BASE-T
Sound system	supported audio format : 24-bit stereo
	speakers : built-in Harman Kardon® stereo speaker SYSTEM
	manufacturer: Toshiba Bass Enhanced Sound System
Keyboard	keys: 105
	Windows keys: Yes
	special features : Standard numeric keypad
Pointing device	type : Touch Pad with Multi-Touch Control
Battery	technology: lithium-ion
	maximum life : up to 3h00min (Mobile Mark™ 2007)
AC adaptor	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	Output Voltage: 19 V
	Output Current: 9.5 A
Physical dimensions	W x L x H : 442.6 x 294.2 x 41.5 mm
	weight : starting at 4.6 kg
Warranty	1-year international warranty.
Bundled hardware	AC adaptor
Bundled software	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>Toshiba EasyMedia</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 & 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>
Security features	user password
	wireless LAN switch
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
Special	SM BIOS compliant



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