

TOSHIBA QOSMIO X770-107

Processor	type : Intel® Core™ i7-2630QM Processor
	clock speed : 2.00 / 2.90 Turbo GHz
	Front Side Bus : 1,333 MHz
	3rd level cache : 6 MB
Operating system	Genuine Windows® 7 Home Premium 64-bit (pre-installed, Toshiba-HDD recovery)
Design Color	Color: Metallic Urban Black with red colour gradation and textured line pattern, black keyboard
System memory	standard : 8,192 (4,096 + 4,096) MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,333 MHz)
Hard disk	capacity : 1,000 (Solid State Hybrid 4G Drive with 500GB and 4GB NAND flash + 500GB) GB
	drive rotation : 7200 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, including DVD Super Multi drive functionality
Display	size : 43.9cm (17.3")
	type : Toshiba TruBrite® FHD TFT High Brightness display for 3D Vision with LED backlighting and 16 : 9 aspect ratio
	internal resolution : 1,920 x 1080
	response time rise + fall (Typ.) : 5 ms
Graphics adapter	manufacturer : NVIDIA®
	type : NVIDIA® GeForce® GTX 560M with CUDA™ Technology
	memory amount : 1,536 MB dedicated VRAM. Available graphics memory can be expanded using system memory, through TurboCache™ technology, up to 4,095 MB with 8 GB system memory installed as shown in the NVIDIA control panel (with pre-installed 64-bit operating system).
	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 external monitor



	1 x RJ-45
	1 x headphone (stereo)
	1 x HDMI-CEC (REGZA-Link) supporting 1080p signal format
	3 (Left 1, Right 2) x USB 2.0
	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, Memory Stick® up to 256 MB, Memory Stick Pro™ up to 16 GB, MultiMedia Card™ up to 2 GB and xD-Picture Card™ up to 2 GB)
	1 x external microphone supporting Sleep-and-Music
	1 (Left) x USB 3.0 supporting USB Sleep-and-Charge
	1 x integrated HD 3D Web Camera (1,280 x 800) with built-in microphone
Expansion	2 x memory slots (1 to configure)
Wireless communication	Compliance : Wi-Fi® Network Support : 802.11b/g/n Manufacturer : Atheros
	Wireless Technology : Bluetooth® 3.0 + HS
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 speakers
	manufacturer : Toshiba Bass Enhanced Sound System with Dolby® Advanced Audio
Keyboard	Keys : 102
	Windows® keys : Yes
	special features : Full-size matt black tile backlit keyboard with 10-digit numeric keypad
Pointing device	Type: Touch Pad with Multi-Touch Control supporting two-finger scroll, pinch, flip and rotate. Featuring a separate Touch Pad on/off button
Battery	technology : lithium-ion
	maximum life : up to 2h30min (Mobile Mark™ 2007)
AC adapter	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 : 413.6 x 274.0 x 28.0 (front) / 43.9 (rear) mm
	weight : starting at 3.4 kg
Bundled hardware	AC adapter
	NVIDIA® 3D Vision™ Kit incl. active shutter glasses, storage pouch, cleaning cloth, interchangeable nose pieces and documentation AC adapter



<p>Bundled software</p>	<p>Toshiba Bluetooth™ Stack Toshiba Disc Creator Toshiba User's Manual Supervisor Password Utility Toshiba Assist Chicony Camera Assistant Software 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 WinDVD® BD for Toshiba Skype Bing Toolbar and Bing Search Amazon 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 Video Player Nero Multimedia Suite 10 Essential Toshiba Music Place Connectivity Doctor ConfigFree™ Toshiba utilities and drivers Nero BackItUp & Burn Autobackup Essentials</p>
<p>Toshiba EasyMedia</p>	<p>Easy Entertainment : Dolby® Advanced Audio HDMI-CEC (REGZA-Link) 2 Harman Kardon® Stereo Speakers Toshiba Resolution+ Sleep-and-Music</p> <p>Easy Connectivity : Multi-Card Reader Toshiba ConfigFree™ Toshiba Face Recognition Bluetooth®</p> <p>Easy Usability : Power-saving Eco Utility McAfee® Internet Security (includes free Internet updates for 30 days) Nero Software Display with LED backlighting Optical Drive Auto Lock PC Health Monitor Toshiba LifeSpace Toshiba TEMPRO Performance Tuning Service Smart Display Support Control Buttons Backlit keyboard Touch Pad with Multi-Touch Control HDD Protection USB Sleep-and-Charge</p>
<p>Security features</p>	<p>user password</p> <p>slot for Kensington Cable Lock</p> <p>supervisor password</p> <p>HDD password on request</p>
<p>Special features</p>	<p>SM BIOS compliant</p> <p>HD Audio supporting</p>



ENERGY STAR 5.0 qualified computer

Enhanced Intel® SpeedStep® Technology