



TOSHIBA Qosmio F60-13K

Processor	type : Intel® Core™ i7-740QM Processor
	clock speed : 1.73 / 2.93 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 Colour	colour : Brilliant Red with matt black keyboard
System memory	standard: 6,144 (4,096 + 2,048) MB
	maximum expandability: 8,192 MB
	technology: DDR3 RAM (1,066 MHz)
Hard disk	capacity: 640 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: 39.6cm (15.6")
	type: Toshiba TruBrite® HD TFT High Brightness display with LED backlight with 16 : 9 aspect ratio
	internal resolution: 1,366 x 768
Graphics adaptor	manufacturer: NVIDIA®
	type: NVIDIA® GeForce® GT 330M with CUDA™ technology
	memory amount: 1,024 MB dedicated VRAM (total available graphics memory using TurboCache™ technology can be up to 1,754 MB with a 32-bit operating system and 3 GB system memory or 4,094 MB with a 64-bit operating system and 8 GB system memory)
	memory type: DDR3 Video RAM (resp. Video RAM and system memory combined)
	connected bus : PCI Express®
Internal video modes	The following internal video modes are supported: resolution: 1,366 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 DC-in
	1 x external monitor
	1 x RJ-45
	1 x external microphone



	1 x headphone (stereo)
	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 Multi-Card Reader (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)
Wireless communication	Compliance: Wi-Fi™
	Network Support: 802.11b/g/n
	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 speakers
	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
AC adaptor	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	Output Voltage: 19 V
	Output Current: 3.95 A
Physical dimensions	W x L x H : 387.6 x 266.8 x 29.1 (front) / 34.8 (rear) mm
	weight : starting at 2.8 kg
Warranty	1-year international warranty.
Bundled hardware	AC adaptor
Bundled software	Toshiba Bluetooth™ Stack
	Toshiba Bluetooth™ Monitor
	Toshiba Disc Creator
	Toshiba User's Manual
	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)
	Google Toolbar
	McAfee® Internet Security (includes free Internet updates for 30 days)
	WildTangent Games Console
	Toshiba Photo Service
	Toshiba Recovery Media Creator
	WinDVD® BD for Toshiba
	Corel® DVD MovieFactory® for Toshiba
	Connectivity Doctor
	ConfigFree™
	Toshiba utilities and drivers
	<p>Toshiba EasyMedia</p> <p>Easy Entertainment Blu-ray Disc™ rewritable drive HDMI-CEC (REGZA-Link) 2 Harman Kardon® Stereo Speakers Resolution+</p> <p>Easy Connectivity Multi-Card Reader Built-in Web Camera & Microphone Toshiba Face Recognition Bluetooth® 2.1 with EDR Toshiba ConfigFree™</p> <p>Easy Usability LED backlighting Optical Drive Auto Lock PC Health Monitor Eco Utility 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 Control Buttons</p>
Security features	user password
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
Special features	SM BIOS compliant
	integrated microphone for Voice over IP



integrated HD Web Camera (1,280 x 800) with AutoMacro support for Video over IP

HD Audio support

ENERGY STAR qualified computer

Enhanced Intel® SpeedStep® Technology