

Qosmio G20-120
Part Number : PQG20E-00E00GG3



Features

Qosmio brings together high-quality TV, HDD recording and playback, superlative audio and powerful mobile computing to create an all-in-one mobile, digital entertainment system- Features Microsoft® Windows® XP Home Edition- Immersive video graphics come to life with the QosmioEngine, the innovative video system for amazingly bright, clear and crisp images in vivid colour- Outstanding viewing with life-like images and the wide viewing angle of the Toshiba TruBrite WXGA 17" TFT display provide users with cinematic video quality, enhanced multimedia and superior 3D gaming- Enjoy a rich, powerful audio experience thanks to SRS® TruSurround XT™ technology and industry-leading Harman Kardon® stereo speakers- Digital entertainment at the touch of a button is yours with the intuitive design and features of the QosmioPlayer and AV control buttons- Be creative with value-added software and the latest in optical drive technology, making it easier for you to create personal multimedia collections and share the best of your digital universe

Specifications

Display	size : 17 " type : Toshiba TruBrite® WXGA TFT display internal resolution : 1,440 x 900 dot pitch (HxV) : 0.255 x 0.255 mm typical contrast ratio : 500:1 response rise/fall : 10 / 25 ms LCD brightness (AC adaptor, super bright) : 500 cd/m ² LCD brightness levels 1-8 : 30-45-60-100-150-220-330-500 cd/m ²
Expansion	1 x PC Card slot for 1 Type II card 2 x memory slots 1 x Express Card™ slot
Hard disk	capacity : 160 (80 + 80) GB height : 9.5 mm drive rotation : 5,400 rpm number of disks : 2 number of heads : 4 interface : Serial-ATA buffer size : 8 MB desktop or notebook? : notebook
Keyboard	manufacturer : Darfon Keys : 85 Windows® keys : 2 function keys : 15 Euro key : yes key pitch : 19.05 mm key stroke : 2.7 mm number of cursor keys : 4 inlaid numeric keypad : yes Hot Keys : 2
Operating environmental conditions	maximum thermal gradient : 15°C/hour relative humidity : 20-80% (non-condensing) altitude : -60 to 3,000 m shock with optical disk drive installed (without optical disk drive installed) : 1.5 G (7 G) vibration with optical disk drive installed (without optical disk drive installed) : 0.2 G (0.25 G)
System memory	standard : 1,024 (512 + 512) MB maximum expandability : 2,048 MB technology : DDR2 RAM expansion module sizes : 256, 512, 1,024 MB
Interfaces	1 x headphone 1 x DC-in 1 x line-in 1 x external monitor 1 x RJ-11 1 x RJ-45 1 x i.LINK® (IEEE 1394) 4 x USB 2.0 1 x Monitor-in (line-in port) 1 x TV-antenna 1 x S-Video-in (Composite/Line-in) 1 x TV-out (s-video, Component-out) 1 x 5-in-1 Bridge Media slot (supports SD™ Cards, Memory Stick®, Memory Stick Pro™, MultiMedia Card™, xD-Picture Card™)
Pointing device	manufacturer : ALPS type : Touch Pad interface : PS/2
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage frequency : 50-60 Hz output voltage : 15 V output current : 8 A power dissipation : 120 W weight : 650 g
Battery	type : main technology : lithium-ion performance : 10.8V x 4400 mAh maximum life : up to 1:50 hours power on : 3:00 - 4:00 hours power off : 3:00 hours
Graphics adapter	manufacturer : NVIDIA® type : GeForce™ Go 6600

	<p>memory amount : 128 MB memory type : DDR SDRAM bus clock speed : 128 bit 2D graphics accelerator : Yes 3D graphics accelerator : Yes motion compensation : Yes connected bus : PCI Express x16</p>
BIOS	<p>ACPI : Yes System Management BIOS : 2.3 Flash ROM : CMOS Flash EPROM DPMS Support : Yes VESA Support : Yes DDC Support : Yes</p>
Physical dimensions	<p>W x L x H : 406 x 285 x 43,1 mm weight : 4.3 kg</p>
Sound system	<p>manufacturer : Toshiba Bass Enhanced Sound System with SRS® TruSurround XT™ technology and SRS® WOW™ supported audio format : 16-bit stereo speakers : built-in Harman Kardon® stereo speakers microphone : built-in microphone type : AD1981B maximum sampling rate : 48 kHz full duplex support : Yes direct sound : Yes direct 3D sound : Yes volume dial : Yes</p>
Internal video modes	<p>resolution : 1,440 x 900 maximum number of colours : 16.7 million</p>
Operating system	<p><u>Genuine</u> Microsoft® Windows® XP Home Edition</p>
Wired communication	<p>manufacturer : Intel® type : 82562ET topology : Ethernet LAN speed : 10/100 Base-TX features : Wake-On-LAN, remote boot connector : RJ-45 manufacturer : Agere type : Scopia AC 97 soft modem topology : international V.90 modem (V.92 ready) speed : 56 Kbps data and V.92 data fax connector : RJ-11</p>
Wireless communication	<p>Manufacturer : Intel® PRO/Wireless 2200BG LAN Mini PCI adaptor integrated in Intel® Centrino® mobile technology Wireless Technology : Wireless LAN (802.11b/g) Manufacturer : Taiyo-Yuden Wireless Technology : Bluetooth® Version : 1.2</p>
Max. external video modes	<p>max. resolution : 2,048 x 1,536 max. colours : 16.7 million max. refresh rate : 100 Hz non-interlaced resolution with max. refresh rate : 1,600 x 1,200</p>
Technology	<p>type : Intel® Centrino® mobile technology including Intel® Pentium® M Processor 770, Intel® PRO/Wireless 2200BG network connection and Intel® 915PM Express chipset clock speed : 2.13 GHz Front Side Bus : 533 MHz 2nd level cache : 2 MB</p>
TV tuner	<p>manufacturer : Toshiba type : integrated TV tuner tv standard : PAL, NTSC, SECAM</p>
DVD Super Multi drive (Double Layer)	<p>buffer size : 2 MB compatibility : CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R, DVD-RW, DVD+R, DVD+RW, DVD-RAM interface : Enhanced IDE maximum speed : Read: 24x CD-ROM, 8x DVD-ROM/ Write: 24x CD-R, 10x CD-RW, 8x DVD-R, 4x DVD-RW, 8x DVD+R, 2.4x DVD+R(Double Layer), 4x DVD+RW, 3x DVD-RAM type : DVD Super Multi (Double Layer) drive weight : 220 g</p>
Bundled hardware	<p>AC adapter AC power cable user manual D-Connector to SCART cable Antenna cable Monitor-in cable Modem cable s-Video cable Remote Control for Microsoft® Windows® XP Home Editon and Qosmio Player</p>
Bundled software	<p>Toshiba utilities and drivers online user manual WinDVD™ Toshiba ConfigFree™ Microsoft® Office OneNote™ 2003 Microsoft® Works Suite 2004 Sonic™ Record Now! InterVideo® WinDVD™ Creator 2 Platinum SRS TruSurround XT™ technology for virtual surround sound Windows® Movie Maker 2 Norton Internet Security™ 2005 (includes free Internet updates for 90 days) SRS® WOW™ technology for virtual surround sound (Windows Media Player)</p>
Security features	<p>system password security</p>
Special features	<p>QosmioEngine for advanced video experience QosmioPlayer for instant-on entertainment RAID 0 and RAID1 support for data backup and realtime disk mirroring AV buttons (QosmioPlayer TV button, QosmioPlayer CD/DVD button, Play/Pause, Stop, Rewind, Forward, Record, Brightness down, Brightness up, Zoom-out, Zoom-in)</p>
Warranty	<p>1-year international warranty. Upgrade your standard warranty with Toshiba warranty extension and uplift packs. Contact your nearest Toshiba Authorised Reseller for details.</p>