



## TOSHIBA Satellite A660-18N

<b>Processor</b>	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
<b>Operating system</b>	Genuine Windows® 7 Home Premium 64-bit (pre-installed, Toshiba-HDD recovery)
<b>Design Colour</b>	colour : Velvety Black with matt black keyboard
<b>System memory</b>	standard : 4,096 (2,048 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,066 MHz)
<b>Hard disk</b>	capacity : 500 GB
	drive rotation : 5,400 rpm
<b>DVD Super Multi drive (Double Layer)</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
	maximum speed : Read: 24x CD-ROM, 8x DVD-ROM/ Write: 24x CD-R, 4x CD-RW, 10x HS CD-RW, 24x US CD-RW, 8x DVD-R, 6x DVD-R (Double Layer), 6x DVD-RW, 8x DVD+R, 6x DVD+R (Double Layer), 8x DVD+RW, 5x DVD-RAM
	type : DVD Super Multi (Double Layer) drive
<b>Display</b>	size : 16.0 " (40.6cm)
	type : Toshiba TruBrite® HD TFT High Brightness display with LED backlight and 16 : 9 aspect ratio
	response time rise + fall (Typ.) : 8 ms
	internal resolution : 1,366 x 768
<b>Graphics adapter</b>	manufacturer : NVIDIA®
	type : NVIDIA® GeForce® GT 310M with CUDA™ technology
	Memory amount: 512 MB dedicated VRAM. Available graphics memory can be expanded using system memory, through TurboCache™ technology: up to 2,270 MB with 4 GB system memory installed, and up to 4,094 MB with 8 GB system memory, (with pre-installed 64-bit operating system).
	memory type : DDR3 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 : 1,366 x 768
<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 external monitor
	1 x RJ-45
	1 x headphone (stereo)
	1 x integrated 1.3 Megapixels Web Camera with 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 HDMI supporting 1080p signal format
	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
<b>Expansion</b>	2 x memory slots
	1 x Express Card™ slot (34 mm)
<b>Wireless communication</b>	Compliance : Wi-Fi ®
	Network Support : 802.11b/g/n
	Wireless Technology : Wireless LAN
<b>Wired communication</b>	topology : Fast Ethernet LAN
	speed : 10BASE-T/100BASE-TX
<b>Sound system</b>	supported audio format : 24-bit stereo
	speakers : built-in Harman Kardon® stereo speakers
	manufacturer : Toshiba Bass Enhanced Sound System with Dolby® Advanced Audio
<b>Keyboard</b>	Keys : 102
	Windows® keys : Yes
	special features : Full-size matt black tile keyboard with 10-digit numeric keypad
<b>Pointing device</b>	Type: Touch Pad with Multi-Touch Control supporting two-finger scroll, pinch, flip and rotate. Featuring a separate Touch Pad on/off button.
<b>Battery</b>	technology : lithium-ion
	maximum life : up to 3h55min (Mobile Mark™ 2007)
<b>AC adapter</b>	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	output voltage : 19 V
	output current : 4.74 A
<b>Physical dimensions</b>	W x L x H : 380.5 x 254.0 x 28.0 (front) / 35.6 (rear) mm
	weight : starting at 2.62 kg
<b>Warranty</b>	1 -Year International warranty.
<b>Bundled hardware</b>	AC adapter
	Toshiba Disc Creator



<b>Bundled software</b>	Toshiba User's Manual
	Supervisor Password Utility
	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
	Nero 9 Essentials
	Nero BackItUp & Burn Autobackup Essentials
	Skype
	Bing Toolbar and Bing Search
	Windows Live Essentials
	eBay
	Amazon
Connectivity Doctor	
ConfigFree™	
Toshiba utilities and drivers	
<b>Toshiba EasyMedia</b>	Easy Entertainment : Dolby® Advanced Audio HDMI-out 2 Harman Kardon® Stereo Speakers Toshiba Resolution+ Sleep-and-Music
	Easy Connectivity : Toshiba ConfigFree™ Multi-Card Reader Built-in Web Camera & Microphone Toshiba Face Recognition



	<p>Easy Usability :</p> <ul style="list-style-type: none"><li>Power-saving Eco Utility</li><li>McAfee® Internet Security (includes free Internet updates for 30 days)</li><li>Nero Software</li><li>Toshiba Media Controller</li><li>Display with LED backlighting</li><li>Optical Drive Auto Lock</li><li>PC Health Monitor</li><li>Toshiba LifeSpace</li><li>Toshiba TEMPRO Performance Tuning Service</li><li>Smart Display Support</li><li>USB Sleep-and-Charge</li><li>Control Buttons</li><li>Touch Pad with Multi-Touch Control</li><li>HDD 3D Impact Sensor</li></ul>
<b>Security features</b>	user password
	wireless LAN switch
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
<b>Special features</b>	ENERGY STAR 5.0 qualified computer
	EasyControl Bar with 7 feather touch buttons (ECO utility, Wireless on/off, on/off function of LED illumination (Touch Pad, Satellite logo, Control Buttons), CD/DVD launcher and Play/Pause, Toshiba LifeSpace Bulletin Board, Volume+/Volume-)
	Enhanced Intel® SpeedStep® Technology
	HD Audio support
	SM BIOS compliant