

TOSHIBA Satellite A660-18N

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 : Velvety Black with matt black keyboard
System memory	standard : 4,096 (2,048 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR3 RAM (1,066 MHz)
Hard disk	capacity : 500 GB
	drive rotation : 5,400 rpm
DVD Super Multi drive (Double Layer)	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
Display	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
Graphics adapter	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®
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 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
Expansion	2 x memory slots
	1 x Express Card™ slot (34 mm)
Wireless communication	Compliance : Wi-Fi ®
	Network Support : 802.11b/g/n
	Wireless Technology : Wireless LAN
Wired communication	topology : Fast Ethernet LAN
	speed : 10BASE-T/100BASE-TX
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 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 3h55min (Mobile Mark™ 2007)
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
	output voltage : 19 V
	output current : 4.74 A
Physical dimensions	W x L x H : 380.5 x 254.0 x 28.0 (front) / 35.6 (rear) mm
	weight : starting at 2.62 kg
Warranty	1 -Year International warranty.
Bundled hardware	AC adapter
	Toshiba Disc Creator
	Toshiba User's Manual



Bundled software	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	
Toshiba EasyMedia	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">Power-saving Eco UtilityMcAfee® Internet Security (includes free Internet updates for 30 days)Nero SoftwareToshiba Media ControllerDisplay with LED backlightingOptical Drive Auto LockPC Health MonitorToshiba LifeSpaceToshiba TEMPRO Performance Tuning ServiceSmart Display SupportUSB Sleep-and-ChargeControl ButtonsTouch Pad with Multi-Touch ControlHDD 3D Impact Sensor
Security features	user password
	wireless LAN switch
	slot for Kensington Cable Lock
	supervisor password
	HDD password on request
Special features	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