



TOSHIBA Satellite A500-13F

Technology	type : Intel® Centrino® 2 Processor Technology featuring Intel® Core™2 Duo processor P7350, Intel® GM45 Express chipset and Intel® WiFi Link 5100
	clock speed : 2.00 GHz
	front side bus : 1066 MHz
	2nd level cache : 3 MB
Operating system	Genuine Windows Vista® Home Premium 32-bit Edition (pre-installed, Toshiba-Dual-HDD recovery)
	Genuine Windows Vista® Home Premium 64-bit Edition (pre-installed, Toshiba-Dual-HDD recovery)
Design Colour	colour : Precious Black with black keyboard
System memory	standard : 4,096 (2,048 + 2,048) MB
	maximum expandability : 8,192 MB
	technology : DDR2 RAM (800 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 "
	type : Toshiba TruBrite® HD TFT High Brightness display with 16 : 9 aspect ratio
	internal resolution : 1,366 x 768
Graphics adapter	manufacturer : ATI
	type : ATI Mobility Radeon™ HD 4650 supporting HyperMemory™ technology
	memory amount : 1,024 MB dedicated VRAM (total available graphics memory using HyperMemory™ technology can be up to 2,301 MB with a 32-bit operating system and 3 GB system memory or 3,325 MB with a 64-bit operating system and 5 GB system memory)
	memory type : DDR3 Video RAM (resp. Video RAM and system memory combined)
Internal video modes	connected bus : PCI Express®
	The following internal video modes are supported:
Max. external video modes	resolution : 1,366 x 768
	max. resolution : 2,048 x 1,536
	max. refresh rate : 100 Hz
Interfaces	non-interlaced resolution with max. refresh rate : 1,600 x 1,200
	1 x DC-in
	1 x external monitor
	1 x RJ-45
	1 x external microphone
	1 x headphone (stereo)
1 x SP/DIF (optical) shared with headphone socket	



	1 x HDMI-CEC (REGZA-Link) supporting 1080p signal format
	1 x 5-in-1 Bridge Media slot (supports SD™ Cards up to 16 GB, Memory Stick® up to 256 MB, Memory Stick Pro™ up to 4 GB, MultiMedia Card™ up to 2 GB and xD-Picture Card™ up to 2 GB)
	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
Expansion	2 x memory slots (1 to configure)
	1 x ExpressCard slot
Wireless communication	Wireless Technology : Bluetooth®
	Compliance : Wi-Fi™
	Network Support : 802.11a/g/Draft-N
	Wireless Technology : Wireless LAN (802.11a/g/Draft-N)
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
	maximum life : up to 2h30min (Mobile Mark™ 2007)
AC adapter	input voltage : autosensing AC adapter (100/240 V) for worldwide usage
Physical dimensions	W x L x H : 384 x 259 x 36.5 (front) / 41.0 (rear) mm
	weight : starting at 2.76 kg
Warranty	1-year international warranty. Upgrade your standard warranty with Toshiba warranty extension, uplift and all-risks insurance packs.
Bundled hardware	AC adapter
Bundled software	Toshiba Bluetooth™ Stack
	Toshiba Bluetooth™ Monitor
	Toshiba Disc Creator
	Toshiba User's Manual
	Supervisor Password Utility
	Toshiba Assist
	Chicony Camera Assistant Software
	Toshiba DVD Player
	Toshiba Face Recognition
	Toshiba Recovery Disc Creator



	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 Software (Google Toolbar for Internet Explorer, Google Desktop, Picasa)
	Connectivity Doctor
	ConfigFree™
	Toshiba utilities and drivers
Toshiba Easy Media	➤ Easy Entertainment:
	S/PDIF
	HDMI-CEC (REGZA-Link)
	2 Harman Kardon® Stereo Speakers
	➤ Easy Usability:
	Toshiba TEMPRO Performance Tuning Service
	McAfee® Internet Security
	Google Pack
	Smart Display Support
	USB Sleep-and-Charge
	Toshiba Flash Cards
	HDD 3D Impact Sensor
	Touch Pad with Multi-Touch Control
Control Buttons	
Security features	supervisor password
	slot for Kensington Cable Lock
	wireless LAN switch
	HDD password on request
	user password
Special features	SM BIOS compliant
	HD Audio supporting
	integrated microphone for Voice over IP
	Enhanced Intel® SpeedStep® Technology
	ENERGY STAR qualified computer
	Standard numeric keypad