

TOSHIBA

Satellite® 2800 Series

Product Highlights:

- Performance:** Mobile Intel® Celeron™ processor 650MHz, 64MB SDRAM standard, expandable to 320MB and a 6GB HDD
- Connectivity:** LAN- and Internet-ready with 10/100 Ethernet and V.90/K56flex modem ports, allowing broadband access
- Enhanced Multimedia:** 13.3" TFT active matrix display; 8X max. DVD-ROM, S3 Savage/IX graphics controller; and a booming subwoofer for a full multimedia experience
- All-in-one, stylish design:** built-in 8X DVD-ROM, 6.0GB hard disk drive, and diskette drive -- no swapping required
- Productivity Tools:** Toshiba Active Menu, [FreedomWare](#), and [Toshiba Great Software Offer](#)
- Advanced Service & Support:** Toshiba's suite of services is ready whenever and wherever you are: [VirtualTech™](#) on-line support, Toshiba software updates. Optional [SelectServ™](#) extended warranty, [SystemGuard](#) and other programs to protect your investment

Product Specification

Processor Mobile Intel® Celeron™ processor 650MHz 128KB Level 2 cache integrated on die Integrated co-processor Data/Address Bus Width: 64-bit/32-bit 100MHz Front Side Bus
Memory 64MB, expandable to 320MB Internal memory expansion slot 128 Mbit PC100 SDRAM . 3.3V
BIOS APM V1.2; ACPI V1.0b; PnP V1.0a; VESA V2.0; DPMS; DDC2b; SM BIOS V2.3, PCI BIOS V2.1
System Architecture PCI Bus V2.2
Hard Disk 6.0 billion byte hard drive, Enhanced IDE, 2.5" Service removable 9.5 mm height 13ms average access time Supports PIO Mode4 or Ultra DMA33 Mode2
Diskette Drive Built-in 3.5", 1.44MB
DVD-ROM Built-in 8X max. speed 110ms average access time 4469/10816KB/sec maximum data transfer rate (DVD Mode) 1545/3600KB/sec maximum data transfer rate (CD Mode) Compatibility: DVD-ROM, DVD-R, CD-ROM, CD-R, CD-RW
Video S3 Savage/IX Graphics Controller 64-BIT graphics accelerator 2x AGP bus 128 BitBLT hardware 8MB internal video memory
Display 13.3" diagonal (1024 x 768) Internal display supports up to 16M colors at 1024 x 768
External Color Support

800 x 600 and 640 x 480; 60/70/85Hz Non-Interlaced @ 16M
1024 x 768; 60/70/85Hz Non-Interlaced @ 16M
1600 x 1200; 60/70/85Hz Non-Interlaced @ 64K

Audio
Yamaha YMF754B-R
3D sound support with HRTF 3D positional audio
16-bit stereo, .WAV and Sound Blaster® Pro compatible, MIDI playback
2 built-in stereo speakers with subwoofer
64-channel wavetable music synthesis
Full duplex sound support
Hardware acceleration for DirectMusic and DirectSound
Microphone and Headphone ports

Communications
Integrated V.90/K56flex modem
Integrated 10/100 Ethernet

Keyboard
Full sized 85 keys with 12 function keys
2.7mm travel
Dedicated Windows® keys
Integrated AccuPoint® II pointing device with scroll buttons

User Control Keys
Control buttons for CD/DVD playback functionality

- Play / Pause
- Stop / Eject
- Next
- Previous

Internet button

Expansion
Two PC Card slots support two Type II or one Type III PC Cards
SVGA video port
TV-Output
PS/2™ mouse/keyboard port (Y-connector supported)
Two Universal Serial Bus port
ECP parallel port
Headphone jack, Microphone port
RJ-11 port
RJ-45 port

Dimensions (LxWxH)
12.9" x 10.7" x 1.5"

Weight
7.30 lbs.

Power Supply
60W Autosensing External AC Adapter
100-240V input voltage
50-60Hz frequency
5.51"L x 2.95"H x 0.98"W, 0.7 lbs

Battery
Rechargeable, removable Lithium Ion battery (10.8V, 4,000mAh)
2.0+ hours battery life
Recharge time: 3 hrs unit off, 4-10 hrs unit on
ACPI V1.0b support
Battery life may vary depending on applications, power management settings and features utilized.
Recharge time varies depending on usage.

System Management
ACPI V1.0b Power Management
Toshiba Configuration Builder-customized software image tool
Year 2000 Compliance: NSTL Hardware Tested

Security
Power-on password

Cable lock slot
SecureSleep (Screen Blank)
Keyboard Lock
Memory, HDD and Modem (by screw only)

Operating System
Microsoft® Windows Millennium Edition
Additional Software
Customizable Toshiba/My Yahoo! Start Page
Microsoft Internet Explorer
MediaMatics DVDEXPRESS
Toshiba Custom Utilities
Satellite Series Online Documentation
Toshiba [VirtualTech™](#)
Toshiba Great Software Offer: With each Satellite notebook, you will receive your choice of two software titles. The software selection includes titles from the following: Lotus® SmartSuite Millennium Edition, productivity, creativity education/reference, and entertainment titles.

Warranty
1 year parts, labor and battery

Environmental Specifications
Temperature:
Operating: 5° to 35° C (41° to 95° F)
Non-operating: -20° to 65° C (-4° to 149° F)
Thermal gradient:
Operating: 15° C per hour maximum
Non-operating: 20° per hour maximum
Relative Humidity:
Operating: 20% to 80% non-condensing
Non-operating: 10% to 95% non-condensing
Altitude (relative to sea level):
Operating: -60m to 3,000m (-197' to 9,842')
Non-operating: -60m to 10,000m (-197' to 32,808')
Shock:
Operating: 10G (11ms)
Non-operating: 60G (66ms)
Vibration:
Operating: 0.5G
Non-operating: 1G

Satellite 2800 Series Part Numbers and UPC
PS280U-8G5L06 Satellite 2800-S102
UPC: 032017068834

Recommended Accessories

PA2444U	AC Adapter, 60W
PA2487URG	Li-Ion Battery Pack
PA2488U	Battery Charger
PA3053U-1PCC	Bluetooth PC Card
	WIN 98SE & ME only
KTT-SO100/32	32MB Memory
KTT-SO100/64	64MB Memory
KTT-SO100/128	128MB Memory
KTT-SO100/256	256MB Memory
NWCC38440	Standard Carryall, black
NWCC1344U	Backpack, black
NWDEFCL	Defcon notebook cable lock
PA070	USB port expansion hub
F3G117-01-NW	Universal Y-adapter cable
TNABS-6.0GB	6.0GB Auto backup system
TNABS-12.0GB	12.0GB Auto backup system
TNABS-25.0GB	25.0GB Auto backup system
3CCFE575CT	10/100 Ethernet LAN card (RJ-45)
3CXFE575CT	10/100 Ethernet LAN card (Xjack)