

TOSHIBA

Satellite® 2805 Series

Product Highlights:

- **Performance:**
Satellite 2805-S401. Mobile Intel® Pentium® III processor featuring Intel SpeedStep™ technology 700MHz, 128MB SDRAM, expandable to 384MB, and a 20BB HDD.

Satellite 2805-S301. Mobile Intel® Pentium® III processor featuring Intel SpeedStep™ technology 650MHz, 128MB SDRAM, expandable to 384MB, and a 10BB HDD.

Satellite 2805-S201. Mobile Intel® Celeron™ processor 650MHz, 64MB SDRAM, expandable to 320MB, and a 6BB HDD.
- **Connectivity:** LAN- and Internet-ready with 10/100 Ethernet and V.90/K56flex modem ports, allowing broadband access
- **Enhanced Multimedia:** 15" (2805-S401), 14.1" (2805-S301), 13.3" (2805-S201) 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, 20BB (2805-S401), 10BB (2805-S301), or 6BB (2805-S201) 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® Pentium® III processor featuring Intel SpeedStep™ technology, 700MHz (2805-S401) or 650MHz (2805-S301); Mobile Intel® Celeron™ processor 650MHz (2805-S201)
256KB Level 2 cache integrated on die (Mobile Pentium III models)
128KB Level 2 cache integrated on die (Celeron model)
Integrated co-processor
Data/Address Bus Width: 64-bit/32-bit
100MHz Front Side Bus

Memory

128MB SDRAM expandable to 384MB (2805-S401 and 2805-S301); 64MB expandable to 320MB (2805-S201)
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

20BB (2805-S401), 10BB (2805-S301), or 6BB (2805-S201) 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, DVD-RW, 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

15.0" diagonal (1024 x 768) with 2805-S401
14.1" diagonal (1024 x 768) with 2805-S301
13.3" diagonal (1024 x 768) with 2805-S201
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 10.9" x 1.6" (15.0" models)
12.9" x 10.7" x 1.5" (13.3", 14.1" models)

Weight

7.74 lbs. (15.0" model)
7.30 lbs. (13.3", 14.1" models)

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

Lotus® SmartSuite Millennium Edition (Retail models only)
Customizable Toshiba/My Yahoo! Start Page
Microsoft Internet Explorer
MediaMatics DVExpress
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, education/reference, creativity 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 2805 Series Part Numbers and UPC

PS280U-8G5L0H	Satellite 2805-S201 UPC: 032017068810
PS280U-ELCL0H	Satellite 2805-S301 UPC: 032017068865
PS280U-FQQL0H	Satellite 2805-S401 UPC: 032017068889

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)