

TOSHIBA

Satellite® 2805 Series

Outstanding Multimedia performance and Connectivity in a Mobile PC

Model(s):

Satellite 2805-S503

- PIII 900MHz/15.0" TFT/128MB/20GB/DVD/Mdm/LAN

Satellite 2805-S603

- PIII 1000MHz/15.0" TFT/256MB/30GB/DVD-ROM/CD-RW/Mdm/LAN

Model(s):

Satellite 2805-S503

- PIII 900MHz/15.0" TFT/128MB/20GB/DVD/Mdm/LAN

Satellite 2805-S603

- PIII 1000MHz/15.0" TFT/256MB/30GB/DVD-ROM/CD-RW/Mdm/LAN

Product Highlights

- Performance**
 - Intel Pentium III 900MHz or 1GHz (1000MHz) processor featuring Intel® SpeedStep™ Technology
 - 128MB or 256MB expandable to 384MB
- All-in-one design
 - 20.0GB or 30.0GB hard disk drive
 - DVD-ROM or DVD-ROM/CDRW
 - 3.5" 1.44MB floppy diskette drive
- Great Features**
 - 15.0" TFT active-matrix display
 - 16MB NVIDIA DDR VRAM video memory
- Get On-Line**
 - Integrated V.90 56K modem
 - Integrated 10/100 Ethernet LAN

System Characteristics
Processor Intel Pentium III 900MHz (2805-S503) or 1GHz (1000MHz) (2805-S603) processor featuring Intel® SpeedStep™ Technology Integrated co-processor
L2 Cache Memory 256KB Level 2 cache integrated in module 100MHz front side bus clock speed
Main Memory (Toshiba on board) 128MB SDRAM, expandable to 384MB (2805-S503) 256MB SDRAM, expandable to 384MB (2805-S603) 64Mbit/128Mbit/256Mbit PC100 SDRAM, 3.3V Data/Address Bus Width: 64-bit/32-bit
Expansion Memory Module type: SODIMM 64Mbit/128Mbit/256Mbit PC100 SDRAM, 3.3V, 8ns access speed Data/Address Bus Width: 64-bit/32-bit
BIOS ROM 1MB; Intel FWH; 8Mbit
Intel 82801BEM Bus Controller
MASS STORAGE
Floppy Disk Drive Built-in 3.5", 1.44MB
Primary Hard Disk Drive (Toshiba) 20.0 (2805-S503) & 30.0 (2805-S603) GB, 9.5mm height, 0.2lbs, Enhanced IDE (ATA-5) <ul style="list-style-type: none">12/12ms average access time (read/write)2.5/3ms track to track seek time (read/write)
Service removable 4200 rpm drive rotation 20.0 GB HDD supports PIO Mode4, Ultra DMA Mode4 or Multiword DMA Mode2 30.0 GB HDD supports PIO Mode4, Ultra DMA Mode4 or Multiword DMA Mode2
DVD-ROM or DVD-ROM/CD-RW 110-95 ms average access time (read/write)- DVD-ROM 140-120 ms average access time (read/write)- DVD-ROM/CD-RW Enhanced IDE (ATAPI) Service Removable DVD-ROM (2805-S503) Data Transfer Rate (min/max): <ul style="list-style-type: none">CD mode (KB/s) – 1552/3600 (KB/s)DVD mode (KB/s) – 4463/10816 (KB/s) Compatibility: CD-ROM, CD-R (read only), CD-RW (read only), DVD-R (read only), DVD-ROM DVD-ROM/CD-RW (2805-S603) Data Transfer Rate (min/max): <ul style="list-style-type: none">CD mode (KB/s) – 1552/3600 (KB/s)DVD mode (KB/s) – 3357/8112 (KB/s) Compatibility: CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R (read only) Software Decoder: WinDVD
SmartMedia Support Voltage – 3.3V / 5V Toshiba America Information Systems Inc. ("TAIS") shall not be liable for damages of any kind for use of this information, which is subject to change without notice. Copyright 2001 TAIS satellite_2805_503603.doc Rev. 3 07/20/01

Support Capacity – 8MB – 128MB
Graphics/Video
Display 15.0" TFT active-matrix display Internal display supports up to 16M colors at 1024 x 768
Graphics Controller nVIDIA GeForce2Go graphics controller <ul style="list-style-type: none">16MB external DDR video memory166MHz DDR Bus Clock Speed 3D Graphics Accelerator, AGP bus support 2D Graphics Accelerator, BitBLT hardware, Hardware cursor, Direct Draw support
External Color Support 640 x 480; 100Hz Non-Interlaced @ 16M colors 800 x 600; 100Hz Non-Interlaced @ 16M colors 1024 x 768; 100Hz Non-Interlaced @ 16M colors 1280 x 1024; 100Hz Non-Interlaced @ 16M colors 1600 x 1200; 85Hz Non-Interlaced @ 16M colors
Input Devices
Keyboard Full sized 85 keys with 12 function keys 2.7mm key stroke, 6mm height Dedicated Windows® & Application key support Hot Key Function Integrated AccuPoint® II pointing device with scroll buttons
CD Control Function <ul style="list-style-type: none">Play/PauseStop/EjectPreviousSkip/NextCD Power
Instant Access Internet Button
Expandability
1 Expansion memory slot (incl. Main Memory) (2805-S503 only) 2 PC Card slots support two Type II or one Type III PC Cards
Ports <ul style="list-style-type: none">ECP parallel printer port2 Universal Serial Bus portComposite TV-Out – NTSC/PAL outputPS/2 port (keyboard, mouse)RJ-45 LAN portRJ-11 modem porti.Link (IEEE 1394) portSmartMedia slot
Sound
Yamaha Sound chip; AKM4543 Codec Chip 16-bit stereo, Windows Sound System Ver.2.0 Sound Blaster® Pro compatible (in DOS box only) Built-in stereo speakers with subwoofer 3D sound support with HRTF 3D positional audio Direct 3D Sound Hardware acceleration for DirectSound and DirectMusic Full Duplex support MIDI Support
Ports <ul style="list-style-type: none">External Microphone portHeadphone portLine-out (Combined to TV-Out)
Sound Volume Control button (by dial)
Communication
Integrated V.90 56K modem (Lucent) Data and fax support Integrated Intel 10/100 Ethernet LAN <ul style="list-style-type: none">Wake on LAN Due to FCC limitations, speeds of 53kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.
Physical Description
Dimensions (LxWxH): <ul style="list-style-type: none">13.0" x 11.3" x 2.0"
Weight: <ul style="list-style-type: none">7.7 lbs
LED Indicators <ul style="list-style-type: none">Power, HDD, FDD, CD/DVD, DC-IN, Power Save Mode, Caps Lock, Arrow, Numeric, Main Battery Charging Status, System Sleep / Suspend status, SmartMedia access
Power Supply
AC Adapter 60W external AC Adapter 100-240V / 50-60Hz frequency (Universal) input voltage 15V x 4A output voltage
Battery Pack 9 cell, rechargeable, removable Lithium Ion (Li-Ion) battery Capacity - 10.8V x 4000mAh = 43.2Wh 2.5 hours battery life Recharge time: 3.0H unit off / 4H – 11H unit on

Dimensions (LxWxH): 6.8" x 2.7" x 0.7"

Weight: 0.8lbs.

Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage.

Security
Slot for computer lock Memory, HDD and Modem (by screw only) User Power-on password Setup Security HDD Password Keyboard Lock (by Hotkey) Screen Blank (by Hotkey) Screen Saver (by software)
Bios
TSETUP, APM, ACPI, PnP, VESA, DPMS, DDC, SM BIOS, PCI BIOS Support
Operating System
Microsoft® Windows Millennium Edition pre-installed Windows 2000 component drivers on the Web
Additional Software
Lotus® SmartSuite Millennium Edition Intuit Quicken Basic 2001 McAfee ActiveShield AT&T WorldNet Services Customizable Toshiba/My Yahoo! Start Page Microsoft Internet Explorer Toshiba Custom Utilities Satellite Series Online Documentation VirtualTech Toshiba Great Software Offer: Receive your choice of two software titles. The software selection includes titles from the follow categories: productivity, education/reference, creativity and entertainment.
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° C per hour maximum Relative Humidity: Operating: 20% to 80% non-condensing Non-operating: 10% to 95% non-condensing Altitude (relative to sea level): Operating: -60 to 3000 meters Non-operating: -60 to 10,000 meters
Shock: Operating: 10G Non-operating: 60G
Vibration: Operating: 0.5G Non-operating: 1.0G
Accessories
PA3048U-1ACA 60W universal AC adapter PA2487URG Li-Ion Battery Pack PA2488U Battery Charger PA3053U-1PCC Bluetooth PC Card KTT-SO100/64 64MB Memory – (Kingston) KTT-SO100/128 128MB Memory – (Kingston) KTT-SO815/256 256MB Memory – (Kingston) NWCC38440 Standard Carry all, black NWCC13440 Backpack, black NWDEFCL Defcon notebook cable lock PA070 USB port expansion hub F3G117-01-NW Universal Y-adapter cable TNABS-10.0GB Automatic backup system TNABS-20.0GB Automatic backup system PA3079U-1PCC 2GB Type II PC Card Hard Disk Drive PA3066U-1PCC PC Card Fingerprint Reader PA3064U-1PCC Wireless LAN PC Card PA3065U-1ETC Access Point for Wireless LAN PC Card
Product/Part Number/UPC
Satellite 2805-S503 / PS287U-0003YHE Satellite 2805-S603 / PS287U-000TJHD