

# TOSHIBA

## Satellite 1625CDT & 1605CDS

### Model: 1625CDT

- Part Number: **PS162U-48986**
- UPC Code: **32017049215**

### Model: 1605CDS

- Part Number: **PS160U-18886**
- UPC Code: **032017049185**

## Product Specification

### Product Highlights:

- Sheer Power!
  - 475MHz (1625CDT) or 450MHz (1605CDS) AMD K6-2 processor with 3D Now! technology
  - 64MB SDRAM, expandable to 192MB (1625CDT) or 32MB SDRAM, expandable to 160MB (1605CDS)
- No-Hassle All-in-one design!
  - 4.3 billion byte hard disk drive, 24X max. speed CD-ROM and diskette drive
- Blasting Multimedia!
  - 12.1" active matrix TFT (1625CDT) or 12.1" Color Bright dual scan display (1605CDS)
  - 4MB SGRAM external video memory
  - ATI ® Rage™ LT Pro VGA Controller
- Get On-Line!
  - V.90 /K56Flex modem
- Great Software!
  - Lotus SmartSuite Millenium plus choose two more titles

### Processor

475MHz (1625CDT) or 450MHz (1605CDS) AMD K6-2 processor with 3D Now! technology  
Integrated co-processor  
64KB internal cache  
512KB Level 2 cache  
Data/Address Bus Width: 64-bit/16-bit  
100MHz (CDS) 95MHz (CDT) front side bus

### Memory

64MB standard, expandable to 192MB (1625CDT)  
32MB standard, expandable to 160MB (1605CDS)  
128Mbit PC 100 SDRAM, 3.3V, 8ns  
Internal memory expansion slot

### BIOS

ACPI V1.0b; PnP V4.3; VESA V2.0; DPMS; DDC2;  
PCI BIOS

### System Architecture

PCI Bus V2.1

### Hard Disk

4.3 billion byte Enhanced IDE, 2.5"  
Service removable  
9.5 mm height or 8.45mm height  
12-14ms average access time  
Supports PIO Mode4 or Ultra DMA33Mode2

### Diskette Drive

Built-in 3.5", 1.44MB

### CD-ROM

Built-in 24X max. speed CD-ROM  
120-95ms average access time  
3,600KB/s maximum data transfer rate  
Compatibility: CD-ROM, CD-R (read only), CD-RW (read only)

### Video

ATI Rage Pro LT Graphics Controller  
64-bit Graphics Accelerator  
AGP bus  
BitBLT hardware  
4MB SGRAM Video Memory (external)

### Display

12.1" diagonal Active Matrix TFT (1625CDT)  
12.1" diagonal Color Bright Dual Scan (1605CDS)  
Internal display supports up to 16M colors at 800 x 600

### External Color Support

640 x 480; 60/70/72/75/85Hz Non-Interlaced @ 16M  
800 x 600; 60/70/72/75/85Hz Non-Interlaced @ 16M  
1024 x 768; 60/70/72/75/85Hz Non-Interlaced @ 16M  
1280 x 1024; 60Hz Non-Interlaced @ 16M

### Audio

Crystal 4281  
16-bit stereo, Windows Sound System Ver.2.0, Sound Blaster® Pro compatible (in DOS box only)  
3D Sound Support with HRTF 3D positional audio  
Direct 3D Sound  
Hardware acceleration for DirectSound  
Full Duplex support  
Sound volume controlled by dial  
Microphone and Headphone ports

### Communications

Integrated V.90/56Kflex modem  
Data and fax support  
Built-in RJ-11

### Keyboard

Full sized 86 keys with 12 function keys  
3mm travel  
Dedicated Windows® keys  
Integrated AccuPoint® pointing device

### Expansion

Two PC Card slots support two Type II or one Type III PC Cards; 32-bit CardBus ready  
SVGA video port  
PS/2™ mouse/keyboard port (Y-connector supported)  
Universal Serial Bus port  
ECP parallel port  
High speed serial port (16550 UART compatible)  
Headphone jack  
External microphone jack (monaural)

### Dimensions (LxWxH)

12.6" x 10.0" x 1.9"

### Weight

7.2 lbs (CDT) 7.3 lbs. (CDS)

### Power Supply

45W Autosensing External AC Adapter  
100-240V input voltage  
50-60Hz frequency  
4.3 (W) x 2.4 (H) x 1.2 (D), .6 lbs

### Battery

Rechargeable, removable NiMH battery (9 cell)  
2+ hours battery life  
2 hrs unit off 3 hrs unit on recharge time  
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

Toshiba Configuration Builder-customized software image tool  
Year 2000 Compliance: NSTL Hardware Tested

### Security

Power-on password  
Slot for Kensington Lock  
Memory, HDD and Modem (by screw only)

### Software

Microsoft® Windows 98 Second Edition  
Lotus® SmartSuite Millenium Edition  
Intuit Quicken Basic 2000  
Norton® Anti-Virus™ Scan and Repair  
AT&T WorldNet Services  
Customizable Toshiba/My Yahoo! Start Page  
Microsoft Internet Explorer  
Toshiba Custom Utilities  
Satellite Series Online Documentation  
*Toshiba Great Software Offer Fulfillment:* Receive your choice of up to two software titles. The software selection includes titles from the following categories: mobile productivity, education 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: 10° C per hour maximum  
Non-operating: 10° C per hour maximum  
Relative Humidity:  
Operating: 10% to 90% non-condensing  
Non-operating: 10% to 90% non-condensing  
Altitude (relative to sea level):  
Operating: 0 to 10,000 feet  
Non-operating: 0 to 40,000 feet  
Shock:  
Operating: 60G  
Non-operating: 80G  
Vibration:  
Operating: 1G  
Non-operating: 2.16G

### Accessories

KTT-S0100/32 32MB SDRAM upgrade module

KTT-S0100/64 64MB SDRAM upgrade module  
KTT-S0100/128 128MB SDRAM upgrade module  
PA3032U-1ACA Universal AC Adapter (standard)  
PA3031U-1BRS Battery Pack (Accessory)  
3COMCFE575 3Com 10/100 Ethernet LAN Cardbus Card with RJ-45  
3COMMFE575 3Com 10/100 Ethernet LAN Cardbus Card with XJACK  
NWCC38440 Standard CarryAll (Black)