

TOSHIBA

Satellite® 1735 & 1755

Affordable performance!

Model(s):

Satellite 1735

- Celeron™ 700, 13.0" DSTN, 64MB, 10GB, CD, Modem, WinME

Satellite 1755

- Celeron™ 700, 13.3" TFT, 64MB, 10GB, DVD, Modem, WinME

Product Highlights

- **Performance**
 - Intel® Celeron™ processor 700MHz
 - 64MB SDRAM, expandable to 192MB
- **All-in-one design**
 - 10.0GB hard disk drive
 - 24X max. speed CD-ROM or 8X DVD-ROM
 - 1.44 MB floppy diskette drive
- **Great Features!**
 - 13.0" diagonal color bright dual-scan (1735) or 13.3" TFT active-matrix display (1755)
 - 4MB SGRAM external video memory
 - Sensational 3D graphics controller and Toshiba Sound System
 - Integrated V.90/56K modem

System Characteristics

Processor

Intel Celeron 700MHz Processor
Integrated co-processor

L2 Cache Memory

128KB Level 2 cache integrated on die
100MHz front side bus clock speed

Main Memory (on board)

64MB standard, expandable to 192MB
128Mbit PC100 SDRAM, 3.3V, 8ns access speed
Data/Address Bus Width: 64-bit/14-bit

Expansion Memory

Module type: SODIMM
64Mbit/128Mbit PC100 SDRAM. 3.3V, 8ns access speed
Data/Address Bus Width: 64-bit/14-bit

MASS STORAGE

Floppy Disk Drive

Built-in 3.5", 1.44MB

Primary Hard Disk Drive (Toshiba)

10.0 gigabyte Enhanced IDE, 2.5"
Service removable
9.7 mm height
0.2 lbs
13 ms average access time (read/write)
1.5 ms track to track seek time (read/write)
4200 rpm drive rotation
Supports PIO Mode4, Ultra DMA Mode4 or Multiword DMA

CD / DVD-ROM

Built-in 24X max. speed CD-ROM (1735 models)
6x max. speed DVD-ROM (1755 models)
95-110 ms average access time (read/write)
3.6MB/sec maximum data transfer rate – CD
8.1MB/sec maximum data transfer rate – DVD-ROM
ATAPI Interface
Service removable
Compatibility: CD-ROM, CD-R (read only), CD-RW (read only)

Software Decoder: InterVideo (WinDVD)

Graphics/Video

Display

13.0" diagonal color bright dual scan
13.3" TFT active-matrix display
Internal display supports up to 16M colors at 800 x 600

Graphics Controller

ATI Mobility-C graphics controller
64-bit Graphics Accelerator
AGP bus support
BitBLT hardware, Hardware cursor, Direct Draw support
4MB external SGRAM Video Memory

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

Input Devices

Keyboard

Full sized 85 keys with 12 function keys
3mm key stroke, 7mm height
Dedicated Windows® keys
Integrated AccuPoint® II pointing device with user-programmable scroll buttons

CD Control Function

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

Instant Access Internet Button

Expandability

1 Expansion memory slot
2 PC Card slots support two Type II or one Type III PC Cards;
32-bit CardBus ready

Ports

- ECP parallel printer port
- SVGA video port
- PS/2™ mouse/keyboard port (Y-connector supported)
- 2 Universal Serial Bus port
- RJ-11 telephone port

Sound

Crystal 4281 PCI bus Sound Chip
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

Ports

- Microphone port
- Headphone port

Sound Volume Control button
Built-in Stereo Speakers

Communication

Integrated V.90/56K modem (Mars III, Lucent)
Data and fax support

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): 12.7" x 10.9" x 1.5"

Weight: 6.9lbs

LED Indicators

- Power, HDD, FDD, CD/DVD, Caps Lock, Arrow mode, Numeric mode, Scroll Lock mode, main battery charging status, System Sleep / Suspend Status

Power Supply

AC Adapter

45W Auto sensing external AC Adapter
90-264V / 47-63 Hz frequency (Universal) input voltage
Dimension (LxWxH): 4.29" x 1.18" x 2.36"
Weight: 0.67 lbs

Battery Pack

8 cell, rechargeable, removable NiMH battery
9.6V x 4500mAh capacity
2+ hours battery life
Recharge time: 2.0H unit off / 3.0H hrs unit on
Dimensions (LxWxH): 5.51" x 4.25" x 0.94"
Weight: 1.22 lbs
ACPI support

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
Screen Saver by software

Bios

ACPI V1.0b, PnP V4.3, VESA V2.0, DPMS, DDC2, SM BIOS, PC BIOS Support

Operating System

Microsoft® Windows Millennium Edition pre-installed
Microsoft Windows 98SE & 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 following 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: 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: 1.0G
Non-operating: 2.16G

Accessories

| | |
|---------------------|---------------------------------------|
| PA3032U-1ACA | 45W universal AC adapter |
| PA3055U-1BRS | NiMH Battery Pack |
| PA3053U-1PCC | Bluetooth PC Card |
| KTT-SO100/32 | 32MB Memory |
| KTT-SO100/64 | 64MB Memory |
| KTT-SO100/128 | 128MB Memory |
| 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-6.0GB | Automatic backup system |
| 3CCFE575CT | 10/100 Ethernet LAN card (RJ-45) |
| 3CXFE575CT | 10/100 Xjack Ethernet LAN card |
| PA3064U-1PCC | Wireless LAN PC Card |
| PA3065U-1ETC | Access Point for Wireless LAN PC Card |

Product/Part Number/UPC

Satellite 1735 PS170U-00084H / 032017083103
Satellite 1755 PS170U-0008YH / 032017080256