

# TOSHIBA

## Satellite Pro® 4300 Series

### Product Highlights

- **Performance:** Mobile Intel® Pentium® III processor featuring Intel SpeedStep™ Technology 700MHz, 650MHz, or 600MHz, 64MB SDRAM, and a S3 Savage IX Graphics Controller with 8MB Video Ram and 2x AGP Bus
- **Enhanced Multimedia:** 15.0", 14.1", or 12.1" TFT display; 6X max. DVD-ROM, S3 Savage IX graphics controller, and exceptional stereo sound system
- **All-in-one, stylish design:** built-in 6X DVD-ROM, 6.0BB or 12.0BB hard disk drive, and diskette drive -- no swapping required
- **Productivity Tools:** Toshiba Active Menu, Toshiba Owner Privileges, 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 extended warranty, SystemGuard™ and other programs to protect investment

### Product Specification

#### Processor

Mobile Intel® Pentium® III processor featuring Intel SpeedStep™ Technology 700MHz, 650MHz, or 600MHz  
256KB Level 2 cache integrated on die  
Integrated co-processor  
32KB internal cache  
Data/Address Bus Width: 64-bit/32-bit  
100MHz Front Side Bus

#### Memory

64Mbit SDRAM, expandable to 320MB  
3.3V, 60ns  
Internal memory expansion slot

#### BIOS

APM V1.2; ACPI V1.2; PnP V1.0a; VESA V2.0; DPMS; DDC2B; DMI 2.0, SM BIOS V2.3, PCI BIOS V2.2

#### System Architecture

PCI Bus V2.2

#### Hard Disk

Choice of 6.0BB\* or 12.0BB\*, Enhanced IDE, 2.5"  
\* 1BB = 1GB

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 6X max. speed

130ms average access time

Data Transfer Rates:  
DVD Mode. 4463/10820Kbsec max.  
CD Mode. 1552/3600Kbsec max.

Compatibility: DVD-ROM, DVD-R, DVD-RW, CD-ROM, CD-R, CD-RW (read only)

#### Video

S3 Savage IX Graphics Controller  
64-BIT graphics accelerator  
2x AGP bus  
128 BitBLT hardware  
8MB internal video memory

#### Display

12.1" diagonal (800 x 600)  
14.1" diagonal (1024 x 768)  
15.0" diagonal (1024 x 768)  
Internal display supports up to 16M colors at 800 x 600 and 64K colors at 1024 x 768

#### External Color Support

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

#### Audio

Yamaha YMF744B-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  
64-channel wavetable music synthesis  
Full duplex sound support  
Hardware acceleration for DirectMusic and DirectSound  
Microphone and Headphone ports

#### Expansion

Two PC Card slots support two Type II or one Type III PC Cards; 32-bit CardBus ready  
SVGA video port  
Fast infrared port (4Mbps, IrDA V1.1 compliant)  
PS/2™ mouse/keyboard port (Y-connector supported)  
Universal Serial Bus port  
ECP parallel port  
High speed serial port (16550 UART compatible)  
Port Replicator connector  
Headphone jack, Microphone port  
RJ-11 port  
Composite Video Port

#### Dimensions (LxWxH)

12.2" x 10.3" x 1.7"

#### Weight

7.0 lbs.  
7.2 lbs. (15" models)

#### Communications

Integrated V.90/K56flex modem

#### Keyboard

Full sized 85 keys with 12 function keys  
2.7mm travel

Dedicated Windows® keys  
Integrated AccuPoint® II pointing device with scroll buttons

#### Power Supply

60W Autosensing External AC Adapter  
100-240V input voltage  
50-60Hz frequency  
4.9"L x .9"H x 2.5"W, .7 lbs

#### Battery

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

#### System Management

DMI 2.0 compatible  
SM BIOS 2.3 support with asset tag capability  
ACPI V1.0  
Year 2000 Compliance: NSTL Hardware Tested

#### Security

Power-on password (2-level password support)  
HDD access password  
Main system memory modem and internal HDD security screws included  
Cable lock slot  
SecureSleep (Screen Blank)  
Keyboard Lock

#### Operating System

Microsoft® Windows 2000 Professional  
Microsoft® Windows 98 Second Edition

#### Additional Software

Customizable Toshiba/My Yahoo! Start Page  
Microsoft Internet Explorer  
McAfee ActiveShield  
RingCentral™ (Windows 98 Second Edition only)  
MediaMatics DVDEpress  
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

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**Satellite Pro 4300 Series Part Numbers**

**PS432U-0L1538**

(600MHz/12.1"/64MB/6BB/Win 98SE)

**PS432U-0L1560**

(600MHz/12.1"/64MB/6BB/Win 2000)

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**PS434U-3N1538**

(650MHz/14.1"/64MB/12BB/Win 98SE)

**PS434U-3N1560**

(650MHz/14.1"/64MB/12BB/Win 2000)

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**PS436U-3Q1538**

(700MHz/15.0"/64MB/12BB/Win 98SE)

**PS436U-3Q1560**

(700MHz/15.0"/64MB/12BB/Win 2000)

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**Accessories**

KTT-SO100/32:	32MB SDRAM memory
KTT-SO100/64:	64MB SDRAM memory
KTT-SO100/128:	128MB SDRAM memory
PA2731U	Satellite Port Replicator
PA3024U-1PRP :	NoteDock IV Enhanced Port Replicator
PA2444U	Universal AC Adapter (standard)
PA2487URG	Battery Pack
PA2488U	Battery Charger
3COMCFE575	3Com® 10/100 Ethernet LAN CardBus Card with RJ-45
3COMMXFE575	3Com 10/100 Ethernet LAN CardBus Card with XJACK
NWCC38440	Standard CarryAll (Black)

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