

TOSHIBA

Satellite® Pro 4600 Series

Exceptional Performance with **Wireless Connectivity** in a Mobile Desktop Replacement PC!

Featured Model(s):

Satellite Pro 4600 Series

- **PIII 850**, 15.0" TFT, 128MB, 20GB, Mdm, LAN, DVD-ROM/CD-RW, Wi-Fi
 - **Integrated Wi-Fi**
 - Choice of Win 98SE or Win2000
- **PIII 800**, 14.1" TFT, 128MB, 20GB, Mdm, LAN, DVD-ROM/CD-RW
 - **Optional Wi-Fi**
 - Choice of Win 98SE or Win2000
- **PIII 750**, 14.1" TFT, 128MB, 20GB, DVD-ROM, Mdm, LAN
 - **Optional Wi-Fi**
 - Choice of Win 98SE or Win2000

Product Highlights

- **Performance**
 - Mobile Intel® Pentium® III processor featuring Intel SpeedStep™ technology, 850MHz, 800 MHz or 750MHz
 - 128MB expandable to 512MB
- **No-Hassle All-in-one design!**
 - 8X DVD-ROM or DVD-ROM/CD-Rewriteable
 - 20.0GB hard disk drive
 - 3.5" 1.44MB floppy diskette drive
- **Great Features!**
 - 14.1" or 15.0" TFT active-matrix display
 - 16MB SDRAM external video memory
 - Booming subwoofer for a full multimedia experience!
- **Get Connected**
 - Integrated V.90 56K modem
 - Integrated 10/100 Ethernet LAN
 - Optional or Integrated Wireless capabilities

System Characteristics

Processor
Mobile Intel® Pentium® III processor featuring Intel SpeedStep™ technology, 850MHz, 800 MHz or 750MHz
Integrated co-processor

L2 Cache Memory
256KB Level 2 cache integrated in module
100MHz front side bus clock speed

Main Memory
128MB SDRAM, expandable to 512MB

Expansion Memory
2 Expansion memory slots

- 128MB Toshiba SDRAM in one slot

Module type: SODIMM
64Mbit/128Mbit/256Mbit PC100 SDRAM. 3.3V
Data/Address Bus Width: 64-bit/32-bit

MASS STORAGE

Floppy Disk Drive

- 3.5 inch, 1.44MB

Primary Hard Disk Drive (Toshiba)
20.0 giga-byte (MK2016GAP) 9.5mm height, 0.2lbs
Enhanced IDE, (ATA-5)

- 12/13ms average access time (read/write)
- 2.5/3.0ms track to track seek time (read/write)

Service removable, 4200 rpm drive rotation
Supports PIO Mode4, Ultra DMA Mode 4

DVD-ROM or DVD-CDRW (Toshiba)
Built-in 8X DVD-ROM or DVD-ROM-CD Rewriteable

- CD – 24X (read) / 4X (write)
- DVD – 6X

95-110 ms average access time (read/write)
3600KB/sec maximum data transfer rate – CD
600KB/sec maximum data transfer rate – CD-RW
8112KB/sec maximum data transfer rate – DVD-ROM
ATAPI Interface, Service removable
DVD-ROM Compatibility: CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R (read only)

Software Decoder: Mediamatics (DVExpress)

Graphics/Video

Display
14.1" TFT (PIII 750MHz model) or 15.0" TFT active-matrix display
Internal display supports up to 16M colors at 1024 x 768

Graphics Controller
Trident XP graphics controller

- 16MB external SDRAM video memory

64-bit Graphics Accelerator
AGP bus support
BitBLT hardware, Hardware cursor, Direct Draw support, 3D graphics accelerator support

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

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1400 x 1050; 60Hz Non-Interlaced @ 64K
1600 x 1200; 60Hz Non-Interlaced @ 64K

Input Devices

Keyboard
Full sized 85 keys with 12 function keys
2.7mm key stroke, 6mm height
Dedicated Windows® keys
Integrated AccuPoint® II pointing device with user-programmable scroll buttons

Expandability

2 PC Card slots support two Type II or one Type III PC Cards
32-bit CardBus ready

Dockability (Optional)

- Port Replicator III
- Enhanced Port Replicator IV

Ports

- Serial port
- ECP parallel printer port
- RGB port
- PS/2™ mouse/keyboard port (Y-connector supported)
- Port Replicator Expansion bus
- IR (Infrared) port
- 2 Universal Serial Bus port
- TV-Out – NTSC/PAL output
- RJ-11 modem port
- RJ-45 LAN port

Sound

Yamaha YMF743 Codec chip AKM4543
16-bit stereo, Windows Sound System Ver.2.0, full duplex support, 64 voices
MIDI, 3D Sound Support, DirectSound, Direct3D Sound, DirectMusic support
Sound Blaster® Pro compatible (in DOS box only)
Built-in stereo speakers

Ports

- Microphone port
- Headphone port

Sound Volume Control button
Built-in Stereo Speakers

Communication

Integrated V.90 56K modem (Data and fax support)
Integrated 10/100 Ethernet 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):

- 12.6" x 10.8" x 1.83" (14.1" models)
- 12.9" x 10.8" x 1.91" (15.0" models)

Weight:

- 6.9lbs (14.1" model)
- 7.4lbs (15.0" model)

LED Indicators

- Power, DC-IN, HDD, FDD, CD/DVD, Caps Lock, Arrow, Numeric, Main Battery Charging status, System Sleep / Suspend status, **Wireless status**

Power Supply

AC Adapter
60W Auto sensing external AC Adapter
100-240V / 50-60Hz frequency (Universal) input voltage
Dimension (LxWxH): 5.51" x 2.95" x .98"

Weight: 0.9lbs

Battery Pack

9 cell, rechargeable, removable Lithium Ion (Li-Ion) battery
10.8V x 4000mAh capacity
2.0+ hours battery life
Recharge time: 2.0H unit off / 3.0H hrs unit on
Dimensions (LxWxH): 6.87" x 2.76" x 0.73"
Weight: 0.8lbs
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/LAN (by screw only)
Mini PCI wireless LAN card (by 6-sided torx screw only)
User Power-on password
Screen Saver by software

Bios

TSETUP, APM V1.2, ACPI V1.0b, PnP V1.0a, VESA V2.0, DPMS, DDC2B, SM BIOS V2.3, PC BIOS V2.1 support

Operating System

Microsoft Windows 98SE & Windows 2000 pre-installed
- NT on CBGD
Microsoft® Windows Millennium Edition
- Component drivers on the Web

Additional Software

Norton AntiVirus (Windows 98SE)
McAfee ActiveShield (Windows 2000)
AT&T WorldNet Services
Customizable Toshiba/My Yahoo! Start Page
Microsoft Internet Explorer
Toshiba Custom Utilities
Satellite Series Online Documentation
VirtualTech
SPANworks

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: 15° C per hour maximum
Non-operating: 20° C per hour maximum

Relative Humidity:
Operating: 20% to 80% non-condensing
Non-operating: 10% to 90% non-condensing

Altitude (relative to sea level):
Operating: -60 to 3,000 meters
Non-operating: -60 to 10,000 meters

Shock:
Operating: 10G
Non-operating: 60G (14" T), 40G (15" T)

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-SO100/32 | 32MB Memory |
| KTT-SO100/64 | 64MB Memory |
| KTT-SO100/128 | 128MB Memory |
| KTT-SO815/256 | 256MB Memory |
| PA2731U | Port Replicator |
| PA3024U-1PRP | Enhanced Port Replicator IV |
| NWCC38440 | Standard Carry all, black |
| NWCC13440 | Backpack, black |
| NWDEFCL | Delcon notebook cable lock |
| F3G117-01-NW | Universal Y-adapter cable |
| PA3079U-1PCC | 2.0GB Type II Hard Disk Drive |
| TNABS-20.0GB | Automatic backup system |
| 3CCFE575CT | 10/100 Ethernet LAN card (RJ-45) |
| 3CXFE575CT | 10/100 Xjack Ethernet LAN card |
| PA3066U-1PCC | Fingerprint PC Card |
| PA3064U-1PCC | Wireless LAN PC Card |
| PA3065U-1ETC | Access Point for Wireless LAN PC Card |
| PA3070U-1MPC | Mini PCI Wireless LAN module (on models with Optional Wi-Fi) (please see *NOTE*) |

Product/Part Number/UPC

Satellite Pro 4600 Series Win 98SE (PIII 750MHz)
PS460U-079KD8 / 032017080133
Satellite Pro 4600 Series Win 2000 (PIII 750MHz)
PS460U-079KD1 / 032017080140
Satellite Pro 4600 Series Win 98SE (PIII 800MHz)
PS460U-06KYH8 / 032017080157
Satellite Pro 4600 Series Win 2000 (PIII 800MHz)
PS460U-06KYH1 / 032017080164
Satellite Pro 4600 Series Win 98SE (PIII 850MHz)
PS460U-06QVX8 / 032017080171
Satellite Pro 4600 Series Win 2000 (PIII 850MHz)
PS460U-06QVX1 / 032017080188

NOTE - For purchase and installation of your Mini PCI Wireless LAN module call 1-800-TOSHIBA.