

TOSHIBA

Satellite Pro 4200 Series 4280XDVD, 4260DVD, and 4280ZDVD

Product Specification

Product Highlights:

- Blazing Speed: Intel Pentium III 500MHz processor (4280XDVD / 4280ZDVD), Intel Pentium III 450MHz processor (4260DVD)
- Bright, crisp displays: 15.0" (4280ZDVD), 14.1" (4280XDVD) or 13.3" (4260DVD) active matrix TFT display
- All-in-one design: 6X DVD-ROM, 6.0 billion byte hard disk drive and diskette drive.
- 64MB SDRAM

Processor

Intel Pentium III 500MHz processor (4280XDVD / 4280ZDVD), Intel Pentium III 450MHz processor (4260DVD)
Integrated co-processor
256KB on-die Level 2 cache
Data/Address Bus Width: 64-bit/32-bit
100MHz Bus

Memory

64MB SDRAM, 3.3V
Internal memory expansion slot
Maximum memory – 320MB

BIOS

APM V1.2; ACPI V1.0B; PnP V1.0a; VESA V2.0; DPMS; DDC2B; DMI 2.0, SM BIOS V2.3, PCI BIOS V2.1

System Architecture

PCI Bus V2.2

Hard Disk

6.0 billion byte, Enhanced IDE, 2.5"
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/720KB

DVD-ROM

Built-in 6X max. speed
120ms average access time
3357/8112Kbsec. maximum data transfer rate
Compatibility: DVD-ROM, 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 video memory

Display

13.3" diagonal on 4260DVD (1024 x 768)
14.1" diagonal on 4280XDVD (1024 x 768)
15.0" diagonal on 4280ZDVD (1024 x 768)
Internal display supports up to 16M colors at 1280 x 1024 and 64K colors at 1600 x 1200

External Color Support

800 X 600 and 640 X 480; 85Hz Non-interlaced @ 32Bit
1024 X 768; 75Hz Non-interlaced @ 32Bit
1024 X 768; 85Hz Non-interlaced @ 32Bit
1280 X 1024; 60Hz Non-interlaced @ 32Bit
1280 X 1024; 85Hz Non-interlaced @ 16Bit
1600 X 1200; 75hz Non-interlaced @ 16Bit

Audio

Yamaha YMF744B-R
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

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

Expansion

Two PC Card slots support two Type II or one Type III PC Cards; 32-bit CardBus ready
RGB 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)
Composite Video port
Port Replicator connector
Headphone jack
Microphone jack
RJ-11 port

Dimensions (LxWxH)

12.2" x 10.3" x 1.7" (4280XDVD)
12.2" x 10.3" x 1.7" (4260DVD)
12.3" x 10.6" x 1.8" (4280ZDVD)

Weight

7.0 lbs. (4280XDVD)
7.0 lbs. (4260DVD)
7.2 lbs. (4280ZDVD)

Power Supply

15W Autosensing External AC Adapter (4260DVD and 4280XDVD)
60W Autosensing External AC Adapter (4280ZDVD)
100-240V input voltage
50-60Hz frequency
4.9"L x 1.0"H x 2.5"W, .7 lbs (45W)
5.5"L x 1.0"H x 3.0"W, .95 lbs (60W 428ZDVD)

Battery

Rechargeable, removable Lithium Ion battery (10.8V, 4,000mAh)
Over 2.5 hour battery life
3 Hrs unit off, 4-10 hrs unit on recharge time
Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage.

System Management

SM 2.3 BIOS support with asset tag capability
ACPI power management
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 Software

Microsoft® Windows 98 Second Edition
Microsoft Windows 2000 Professional

Additional Software

Customizable Toshiba/My Yahoo! Start Page
Microsoft Internet Explorer
Norton Antivirus
RingCentral™ for Windows 98
Toshiba Custom Utilities
Satellite Series Online Documentation

Toshiba Great Software Offer fulfillment: With each Satellite notebook, you will receive your choice of up to two software titles. The software selection includes titles from the follow categories: Lotus® SmartSuite Millennium Edition, 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: 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: -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), 40G (4280ZDVD)

Vibration:

Operating: 0.5G
Non-operating: 1G

Part Number

PS428U-0N1538 4280XDVD Win 98
PS426U-0M1538 4260DVD Win 98
PS428U-0Q1538 4280ZDVD Win 98
PS428U-0N1570 4280XDVD Win 2000
PS426U-0M1570 4260DVD Win 2000
PS428U-0Q1570 4280ZDVD Win 2000

Accessories

KTT-SO100/32 32MB SDRAM upgrade module
KTT-SO100/64 64MB SDRAM upgrade module
KTT-SO100/128 128MB SDRAM upgrade module
PA2731U Satellite Port Replicator
PA3024U NoteDock IV Enhanced Port Replicator
PA 2450U Universal AC Adapter (standard on 4260DVD and 4280XDVD)
PA2444U Universal AC Adapter (standard on 4280ZDVD)
PA2487URG Battery Pack (Accessory)
PA2488U Battery Charger
3CCFE575CT 3Com 10/100 Ethernet LAN CardBus Card (RJ-45)
3CXFE575CT 3Com 10/100 Ethernet LAN CardBus Card (XJack)
NWCC38440 Standard CarryAll (4260DVD and 4280XDVD)