TOSHIBA
Portégé 3480CT

Product Highlights

- Ultra-portability - .8" thin and 3.4 lbs. light
- Performance – Intel Mobile Pentium III SpeedStep technology processor
- Over 2.5 hours battery life with main battery and over 8 hours battery life with the addition of the high capacity battery
- 11.3" advanced Poly-silicon TFT color display with 1024x768 resolution
- Screaming multimedia performance – Savage S3 IX video controller with 8MB memory
- Expansion Flexibility and Connectivity

Product Specifications

Processors
Intel® Mobile Pentium® III SpeedStep Technology™ processor:
- 600MHz (1.35V);
With 256KB Level 2 cache integrated on die
Integrated co-processor
32KB internal cache
Data/Address Bus Width: 64-bit/32-bit
100MHz Processor System Bus

Memory
Type: 64/128 Mbit PC100 SDRAM, 3.3V, 100MHz
Capacity: 64MB on board, expandable to 192MB
One available memory slot (for use with 64MB or 128MB memory module)

BIOS
APM V1.2; ACPI V1.0b; PnP V1.0a; VESA V2.0; DPMS; DDC2B; SM Bios V2.3, PCI BIOS V2.1

System Architecture
PCI Bus V2.2: Intel 440MX System Chipset

Hard Disk
12.0 billion byte Supports PIO Mode 4;
Supports Ultra DMA Mode 2,
Supports Multiword DMA mode 2
Accommodates 9.5mm height, 2.5" hard drive
13 ms average access time
Enhanced IDE (ATA-4) interface; Service removable

External Floppy Diskette Drive
USB, 3.5", 1.44MB

Video
S3 Savage IX graphics controller
8MB SGRAM Internal Video Memory
128-bit BitBLT engine, Direct3D support, 33MHz

Video Ports
SVGA

Display
Polysilicon TFT Color LCD
11.3" diagonal: up to 16 million colors at 1024 x 768 resolution

External Color Support
16M colors:
    1024x768, 800x600, 640x480 @ 60/75/85Hz Non-Interlaced, simultaneous mode

64K colors:
    1024x768, 800x600, 640x480 @ 60/75/85Hz Non-Interlaced, simultaneous mode
    1280x1024 @ 60/75Hz Non-Interlaced, 1600x1200 @ 60HZ Non-Interlaced

256 colors:
    1024x768, 800x600, 640x480 @ 60/75/85Hz Non-Interlaced, simultaneous mode
    1280x1024 @ 60/75Hz Non-Interlaced, 1600x1200 @ 60HZ Non-Interlaced

Audio
YAMAHA YMF752, 16-bit stereo
Compatibility: Windows Sound System V2.0 and Sound Blaster Pro compatible
MIDI playback
3D sound support
Direct Sound, Direct 3D Sound, Direct Music,
Full duplex sound support, 64 voices,
Headphone port (Stereo)
External mic port
Built-in speaker
Built-in mic

Communications
Integrated V.90 modem
Supports ring wake-up resume
RJ-11 modem port

Keyboard
85 keys with 12 function keys
2 mm key stroke
Dedicated Windows® key
Integrated AccuPoint II™ pointing device, scroll function – programmable

Expansion
Two PC Card slots support two Type II or one Type III PC Cards;
Supports: PCMCIA R2.01, PC Card 16, CardBus
One expansion memory slot available (for use with 64MB or 128MB memory module)
SVGA video port
Fast infrared port (4Mbps, IrDA V1.1 compliant)
Universal Serial Bus (USB) port
RJ-11 modem port
LAN Port Replicator bundled with system
Serial PCI port - for use with LAN Port Replicator, I/O Adapter, and Multi-Media Port Replicator

Dimensions (WxDxH)
10.3" x 9.1" x 0.8" – thickness may vary at certain points on the system

Weight
3.4 lbs (With main 6-cell battery)

Power Supply
45W External AC Adapter
100-240V input voltage
50-60Hz frequency
4.9"W x 2.5"D x 1.0"H, .7 lbs.

Battery
Rechargeable, removable Lithium Ion battery (10.8V, 3000mAh)
2.5 + hours battery life
3 hours recharge time (off)
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
SM V2.3 BIOS support with asset tag capability
ACPI V1.0b power management
Toshiba Configuration Builder CD

Security
Power-on password
HDD access password
Keyboard lock
CPU Serial Number Security (Using SVPW utility)
Setup Security (Using SVPW utility)

Screen Blank
Main system memory, modem, and internal HDD security screws included
Cable lock slot

Software
Microsoft® Windows 2000, Windows NT 4.0 SP5,
Windows 98SE
AT&T WorldNet Services - 98SE
Customizable Toshiba/My Yahoo! Start page - 98SE
Microsoft Internet Explorer - 98SE/NT4.0/2000
Puma IntelliSync 97 - NT4.0 only
RingCentral - Win98SE only
Toshiba custom utilities - 98SE/NT4.0/2000
YAMAHA YMF744B Audio - 98SE/NT4.0/2000
Electronic User Guide - 98SE/2000

Warranty
1 year parts and labor
1 year 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: -60m to 3,000m (-197' to 9,842')
    Non-operating: -60m to 10,000m (-197' to 32,808')
Shock:
    Operating: 10G
    Non-operating: 60G
Vibration:
    Operating: 0.5G
    Non-operating: 1G

Featured Configurations
PP348U-4PU83
    PIII-600/11.3/64MB/12GB/Mdm/Win98
PP348U-4PU86
    PIII-600/11.3/64MB/12GB/Mdm/Win2K/NT

Accessories
PA3012U   6GB HDD for use with Multimedia Port Replicator
PA3027U   12GB HDD for use with Multimedia Port Replicator
PA3029U   18GB HDD for use with Multimedia Port Replicator
PA3020U   HDD Adapter
PA3015U   CD-ROM Drive for use with Multimedia Port Replicator
PA3014U   DVD Drive for use with Multimedia Port Replicator
PA3043U-1FDD   USB Floppy Disk Drive
PA3041U-1PRP   I/O Adapter (Port Replicator)
PA3040U-1PRP   LAN Port Replicator
PA3042U-1DST   Multimedia Port Replicator
PA3035U-1ACA   AC Adapter
PA3038U-1BRL   Main Battery
PA3039U-1BRL   High Capacity Battery
KTT-MD100/64   Kingston 64MB Memory
KTT-MD100/128   Kingston 128MB Memory
NWCC30130   Port-Noteworthy Portégé Slimcase

* Hard disk drive: 1GB = 1BB