

TOSHIBA

Tecra® 9000

Most mobility, power and connectivity

Product Highlights

- **Performance**
 - Mobile Intel® Pentium® III Processor-M up to 1.2GHz featuring Intel® SpeedStep™ Technology
 - RAM expandable to 1GB (1024MB)
- **Great Features!**
 - Up to 40GB* hard disk drive
 - DVD-ROM/CD-RW
 - 14.1" diagonal TFT Color LCD (XGA or SXGA+)
 - 16MB SDRAM internal Video Memory
- **Always Connected!**
 - Optional integrated Bluetooth
 - Optional integrated Agere or Cisco Wi-Fi™ compliant Wireless LAN Mini PCI (802.11b)
 - Integrated 10/100 BaseTX Ethernet
 - Integrated V.90 K56 modem

Custom Configuration options listed below are highlighted

System Characteristics

Processor

Mobile Intel® Pentium® III Processor-M 1.2GHz (1.4V) processors featuring Intel® SpeedStep™ Technology
Integrated co-processor
512KB Level 2 cache integrated on die
133MHz front side bus clock speed (FSB)
Intel 830MP System Chipset

Memory

128-1024MB
128, 256, 512MB PC133 SDRAM (3.3V)

Mass Storage

Primary Hard Drive

10, 20, 30GB, and 40GB* 2.5" Enhanced IDE (ATA-5)
User Removable

9.5mm height, 0.2 lbs
13/13ms** average seek time (read/write)
3/3ms*** track to track seek time (read/write)
4200rpm drive rotation

Slim SelectBay CD-ROM

5.25" EIDE (ATAPI), 12.7mm height
Max speed: 24X CD-ROM
110ms random access time
3,600KB/sec max data transfer rate
Compatibility: CD-ROM, CD-R (read only), CD-RW (read only)

Internal use in Slim SelectBay (User removable)

Slim SelectBay DVD-ROM

5.25" EIDE (ATAPI), 12.7mm height
Max speed: 8X DVD-ROM, 24X CD-ROM
100ms random access time (DVD-ROM)
95ms random access time (CD-ROM)
10,816KB/sec max data transfer rate (DVD-ROM)
3,600KB/sec max data transfer rate (CD-ROM)
Compatibility: CD-ROM, CD-R (read only), CD-RW (read only), DVD-ROM, DVD-R (read only)

Internal use in Slim SelectBay (User removable)

Slim SelectBay CD-R/RW

5.25" EIDE (ATAPI), 12.7mm height
Max speed: 8X CD-RW, 8X CD-R, 24X CD-ROM
110ms random access time
3,600KB/sec max data transfer rate (CD-ROM)
1,200KB/sec max data transfer rate (CD-R, CD-RW)
Compatibility: CD-ROM, CD-R (read/write), CD-RW (read/re-write)

Internal use in Slim SelectBay (User removable)

Slim SelectBay DVD-ROM/CD-RW

5.25" EIDE (ATAPI), 12.7mm height
Max speed: 8X DVD-ROM, 4X CD-RW, 8X CD-R, 24X CD-ROM
180ms access time (DVD-ROM)
130ms access time (CD-ROM)

600KB/sec max data transfer rate (CD-RW)

1,200KB/sec max data transfer rate (CD-R)

3,600KB/sec max data transfer rate (CD-ROM)

Compatibility: CD-ROM, CD-R (read/write), CD-RW (read/re-write), DVD-ROM, DVD-R (read)

Internal use in Slim SelectBay (User removable)

Slim SelectBay Battery

Lithium Ion (10.8V, 3000mAh)
Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage.

Internal use in Slim SelectBay (User removable)

Slim SelectBay Hard Drive (Adapter required)

30GB* - Enhanced IDE (ATA-5)

USB Floppy Drive

3.5", 1.44MB

Graphics/Video

Display

14.1" TFT Color LCD, XGA (1024x768) or SXGA+ (1400x1050)

Internal display supports up to 16M colors

Graphics Controller

S3 SuperSavage / IXC, 16MB internal video memory

64-bit graphics accelerator

128bit BitBLT engine, 66MHz x4 (AGP x4)

DVD Audio/Video

InterVideo WinDVD (Software DVD decoder)

External Color Support

1024x768, 800x600, 640x480: 60/75/85Hz Non-Int'l'd @16M colors

1280x1024: 60/75/85Hz Non-Int'l'd @ 64K colors

1400x1050: 60Hz Non-Int'l'd @ 64K colors

1600x1200: 60/75Hz Non-Int'l'd @ 64K colors

Input Devices

Keyboard

Full sized 85 keys with 12 function keys

2.7mm key stroke, 6mm height, 19.05mm key pitch

Dedicated Windows key

Integrated AccuPoint II pointing device with user-programmable buttons

Expandability

2 memory slots (including main memory)

2 PC Card slots support two Type II or one Type III PC Cards; PCMCIA R2.01, PC Card16, CardBus

1 Slim SelectBay

1 SD card slot

Ports

RGB (monitor) port

Video out port

Fast Infrared (4Mbps, IrDA1.1)

PS/2 mouse/keyboard port (Y-connector supported)

2 Universal Serial Bus (USB) ports (v1.1)

Parallel port (ECP)

High speed serial port (16550UART compliant)

i.LINK port

RJ-11 modem port

RJ-45 Ethernet port

240 pin docking connector

Sound

Yamaha YMF753 Sound Chip

16-bit stereo, Sound Blaster Pro compatible (on Win98SE DOS box only)

3D Sound Support, Direct 3D Sound

Hardware acceleration for DirectMusic and DirectSound

Full Duplex support

Sound volume control dial

Built-in stereo speakers, Built-in microphone

Microphone port, Stereo headphone port

Communication

Integrated V.90 56K modem

Integrated 10Base-T/100Base-TX Ethernet

Integrated Fast Infrared (4Mbps)

Integrated i.LINK

Optional integrated Agere or Cisco Wi-Fi™ compliant

Wireless LAN Mini PCI (802.11b)

Optional integrated Bluetooth (v1.1)

Physical Description

Dimensions (WxDxH): 12.2" x 10.6" x 1.2/1.5"

Weight: 5.3 lbs (w/ DVD and XGA display)

LEDs: Power, DC-In, Main Battery, Primary Hard drive,

Slim SelectBay device, Wireless indicator, and SD Card

Caps Lock, Arrow Mode, Numeric Lock

Power

AC Adapter

75W (15V x 5A) external AC Adapter

100-240V input voltage, 50/60Hz frequency

5.0" x 1.0" x 2.5" (WxDxH), 0.75 lbs

Battery Pack

Rechargeable, removable Li-Ion battery

10.8V x 3600mAh capacity

Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage.

Security

Slot for cable lock

Biometrics: BIOS and OS level support (w/ PC Card

Fingerprint Reader)

Memory, HDD and Modem/LAN (by screw only)

PC Card (by sliding lock and screw)

User Power-on, HDD, and Supervisor passwords

Screen Saver by software

Bios

TSETUP, APM V1.2, ACPI V1.0b, PnP V1.0a, VESA V2.0,

DPMS Support, DDC2B Support, SM BIOS V2.3, PCI

BIOS V.2.2 Support

Operating System

Microsoft® Windows® XP Professional, 2000, 98SE

Additional Software

VirtualTech™

SPANworks™

Adobe® Acrobat® Reader™

Windows Media Player

InterVideo™ WinDVD

Roxio Easy CD Creator

Microsoft® Internet Explorer®

Toshiba custom utilities

Electronic User Guide

Software may differ from the retail version (if available)

and may not include user manuals or all program

functionality.

Warranty

3 years 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: -197 to 9,842 feet

Non-operating: -197 to 32,808 feet

Shock:

Operating: 7G, 1.5G when CD/DVD-ROM installed

Non-operating: 60G

Vibration:

Operating: 0.2G, 2.5G when CD/DVD-ROM installed

Non-operating: 1.0G

Accessories

KTT-SO133/128	128MB Memory
KTT-SO133/256	256MB Memory
KTT-SO133/512	512MB Memory
PA3109U-1FDD	3.5 External Floppy Disk Drive (USB)
PA3115U-1H20	20GB* HDD
PA3116U-1H30	30GB* HDD (req. HDD adapter)
PA3082U-1PRP	Advanced Port Replicator
PA3090U-1ETC	Slim SelectBay HDD adapter
PA3084U-1BRS	Primary Battery
PA3096U-1BRS	Slim SelectBay Battery
PA3091U-1CHG	Battery Charger (avail. April 2001)
PA3083U-1ACA	75 Watt AC Adaptor
PA3117U-1CDD	CD-ROM Drive
PA3087U-1DVD	DVD-ROM Drive
PA3088U-1CD1	CD-R/RW Drive
PA3089U-1CD2	DVD-ROM/CD-RW Drive
PA3066U-1PCC	PC Card Fingerprint Reader
8485582350	Agere AP-1000 (w/ Gold card)
NWCC38630	Tecra Carry all, black

Part Number/UPC

PT900U-03SF89 / 032017127708
93314T/128/10CD/ML/WXP/2K
PT900U-04N7L9 / 032017127715
1.0/14T/256/20/DVD/ML/WLAN/WXP/2K
PT900U-08YXE9 / 032017127692
1.2/14T/256/30/DVD-CDRW/ML/WLAN/WXP/2K

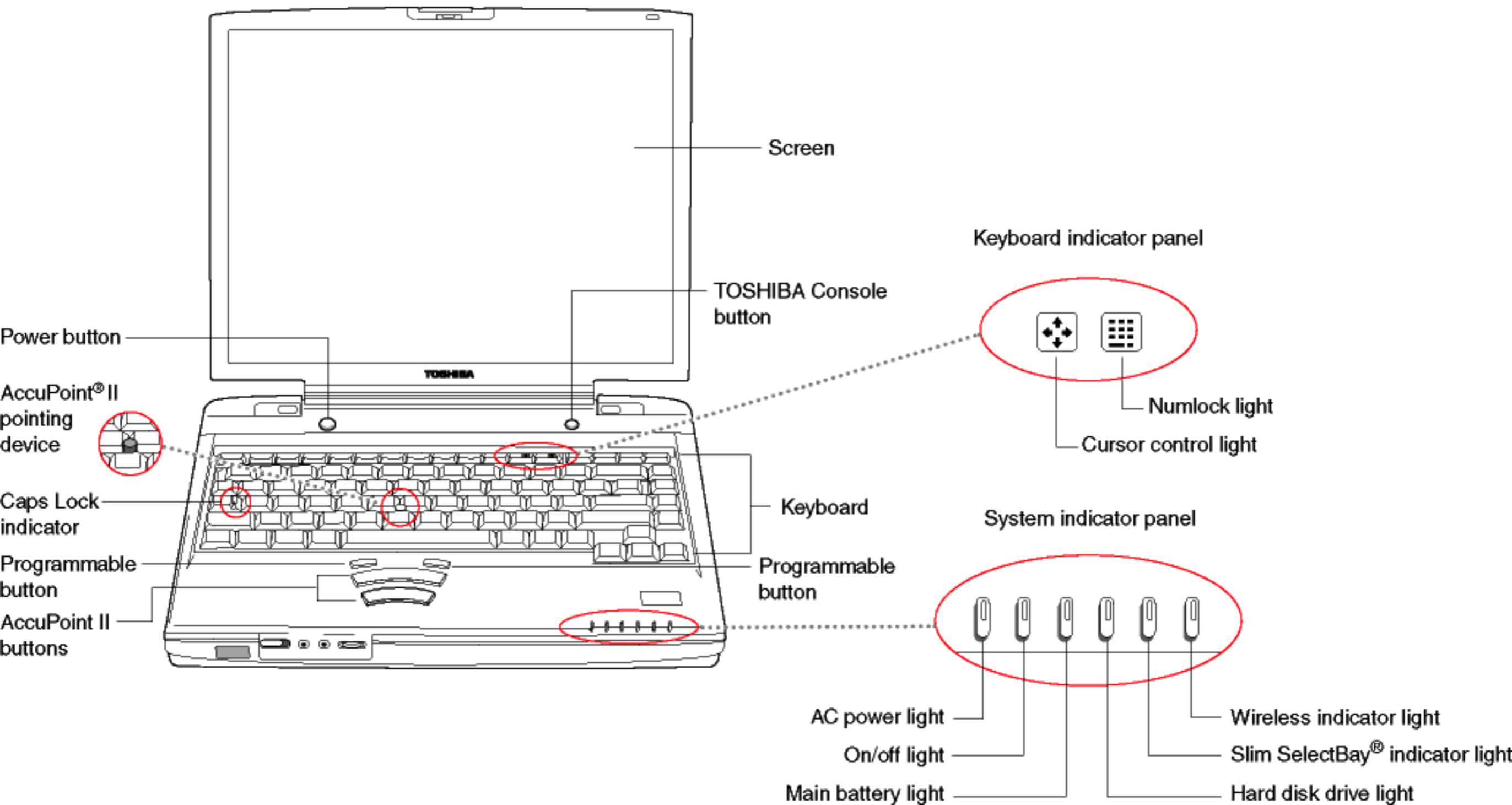
*GB = 1 billion byte

**12/14ms on 20GB HDD

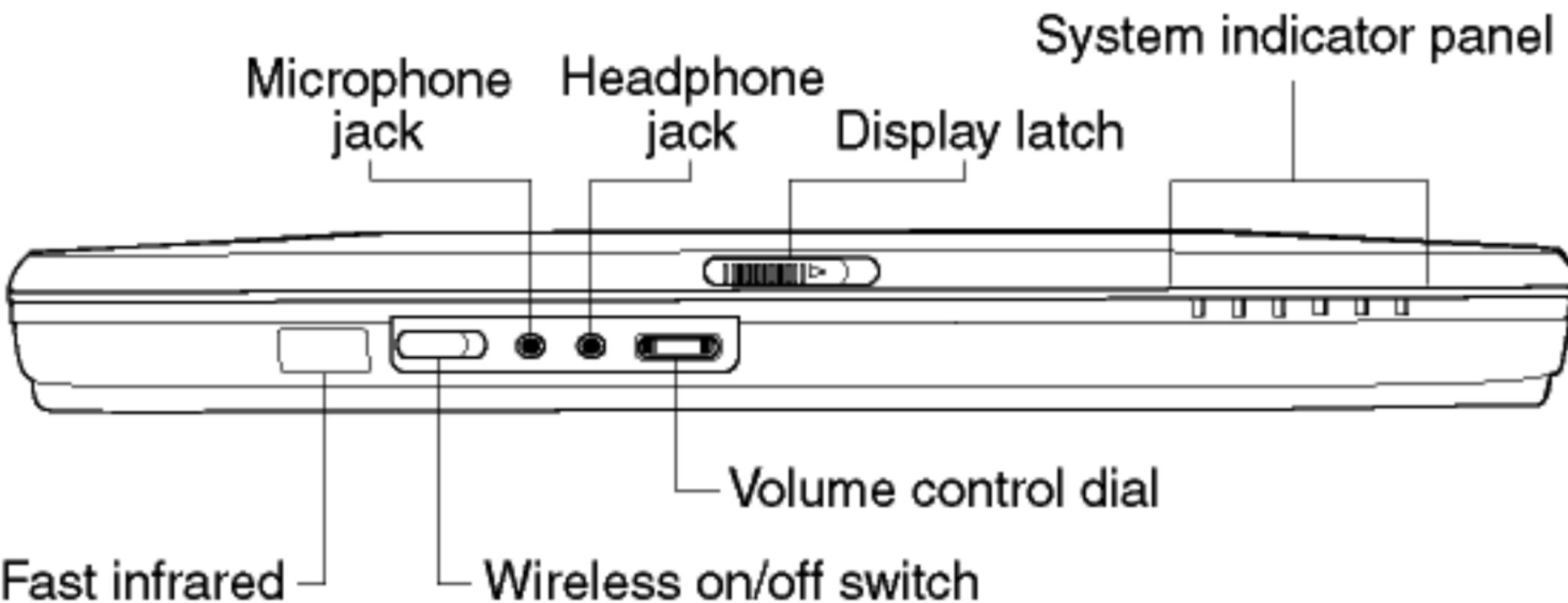
***2.5/3ms on 20GB HDD

**** Windows 98SE supports a maximum of 512MB RAM

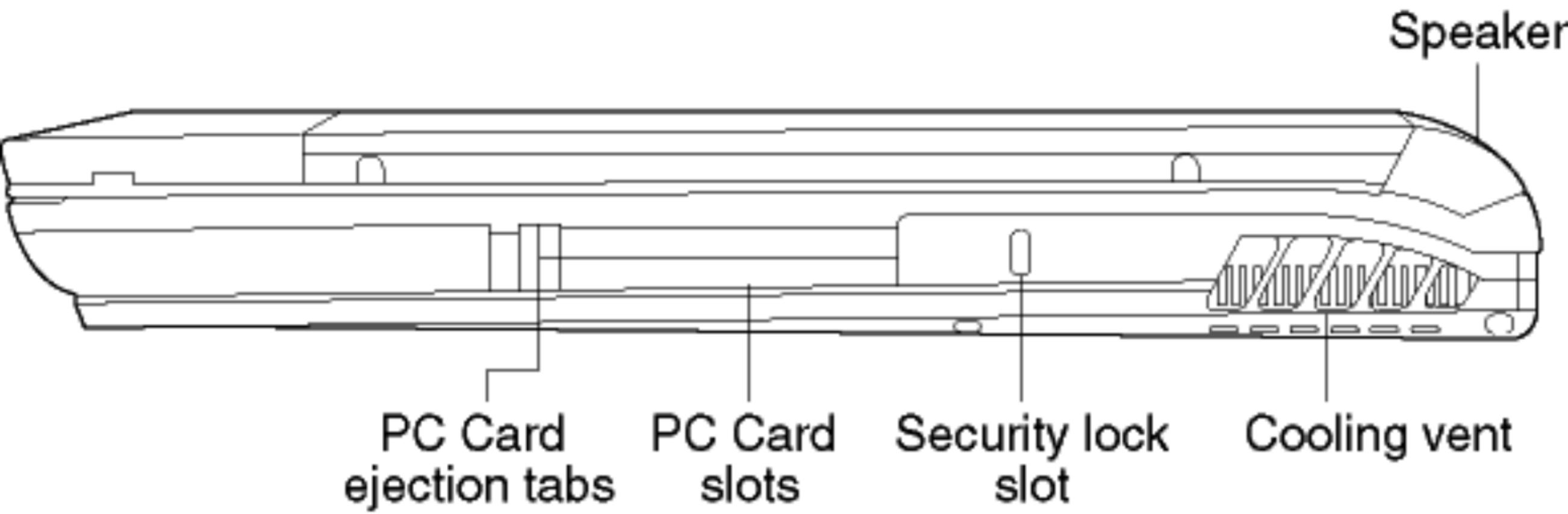
Front with display open



Front with display closed



Right side



Left side

Speaker

SD Media[®] slot

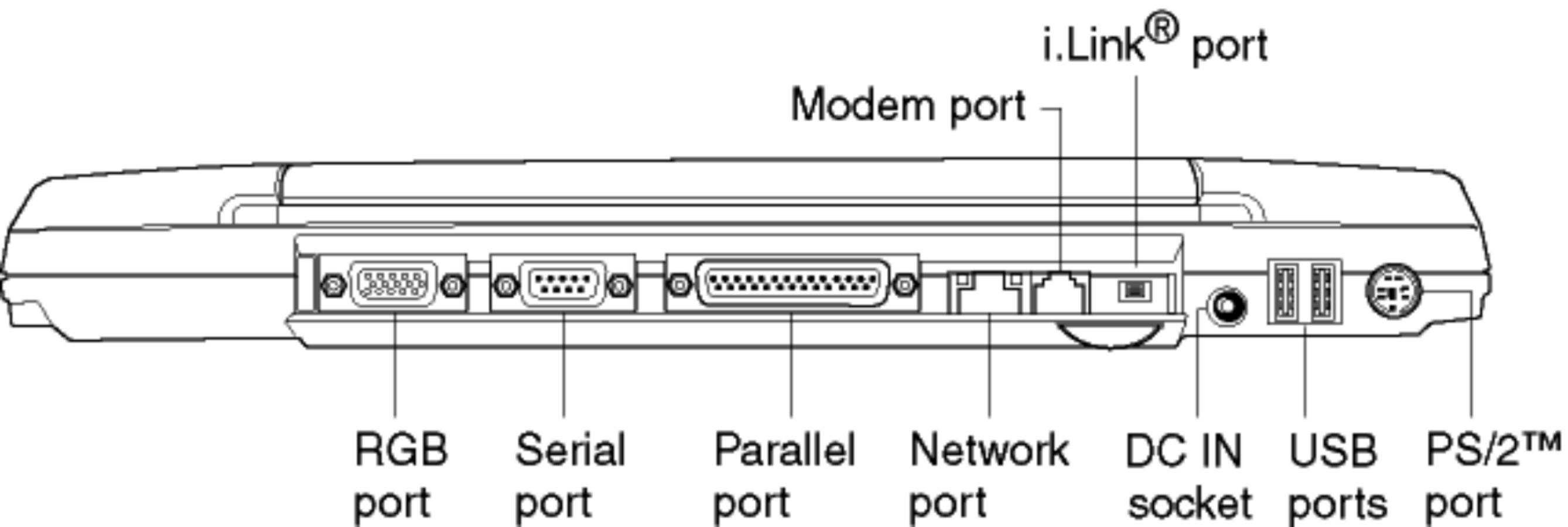


Video-out
port

Hard Disk Drive

Slim SelectBay[®] module

Back



Underside

