

TOSHIBA

Tecra 9100 Series

Model(s):

P4 1.8GHz/14.1" TFT/256MB/40GB/DVD/Mdm/LAN/WiFi/WXP Pro
P4 2.0GHz/14.1" TFT/256MB/40GB/DVD/Mdm/LAN/WiFi/WXP Pro
P4 2.2GHz/14.1" TFT/256MB/40GB/DVD/Mdm/LAN/WiFi/WXP Pro

Custom Configuration options and optional items listed below are highlighted

Product Highlights

STABILITY:

The Tecra 9100's stable platform and superior performance maximizes workforce productivity while minimizing IT expenditures. The design features a SD Media Slot and cutting edge technology with headroom for future technology advances.

PERFORMANCE:

The fast and furious performance of this elite business notebook is boosted by the use of Intel's new Mobile Pentium 4 architecture and DDR Memory.

CONNECTIVITY

Toshiba's Tecra 9100 Series offers customers six (6) different ways to connect your PC, including integrated Wi-Fi, Bluetooth and i.LINK® technology.

COMFORT & STYLE

The Tecra 9100 Series puts comfort, style and convenience at your fingertips with a full-sized keyboard, and strong magnesium casing.

SCALABILITY

Engineered to alleviate IT costs, the Tecra 9100 features the Slim SelectBay™ design offering multiple choices of optical drives, as well as thousands of possible configurations.

System Characteristics

CPU (See CPU Performance Disclaimer)**

- Mobile Intel® Pentium® 4 processor – M at 2.20, 2.00, & 1.80 GHz - M (1.3V)
- Intel 845MP system chipset
- 400MHz processor side bus clock speed

L2 Cache

- 512KB Level 2 Cache integrated on die

Memory

- 128-1024MB SODIMM memory
- 128MB, 256MB, 512MB* PC2100 DDR SDRAM, 2.5V

Mass Storage

- **60.0, 40.0, 30.0GB*** Enhanced IDE (ATA-5) hard disk drive; 9.5mm height; 60GB: 5400rpm, 12/12ms average access time (read/write), 2/2ms track to track seek time (read/write); 40GB: 5400rpm, 12/12ms average access time (read/write), 2/2ms track to track seek time (read/write); 30GB: 4200rpm, 13/13ms average access time (read/write), 3/3ms track to track seek time (read/write); 20GB: 4200rpm, 12/14ms average access time (read/write), 2.5/3ms track to track seek time (read/write), user removable
- **Slim SelectBay CD-ROM**, 5.25" EIDE (ATAPI), 12.7mm height, 24X CD-ROM speed, 110ms random access time, 3.6MB/sec max data transfer rate. Compatibility: CD-ROM, CD-R (read only), CD-RW (read only)
- **Slim SelectBay DVD-ROM**, 5.25" EIDE (ATAPI), 12.7mm height, 8X DVD-ROM, 24X CD-ROM speed, 90ms random access time (DVD-ROM), 10.8MB/sec max data transfer rate (DVD-ROM). Compatibility: CD-ROM, CD-R (read only), CD-RW (read only), DVD-ROM, DVD-R (read only)
- **Slim SelectBay CD-R/RW**, 5.25" EIDE (ATAPI), 12.7mm height, 8X CD-R, 8X CD-RW, 24X CD-ROM speed, 110ms random access time (CD-RW), 1.2MB/sec max data transfer rate (CD-RW), Compatibility: CD-ROM, CD-R (read/write), CD-RW (read/rewrite)
- **Slim SelectBay DVD-ROM/CD-RW**, 5.25" EIDE (ATAPI), 12.7mm height, 8X DVD-ROM, 8X CD-R, 8X CD-RW, 24X CD-ROM, 180ms random access time (DVD-ROM), 10.8MB/sec max data transfer rate (DVD-ROM). Compatibility: CD-ROM, CD-R (read/write), CD-RW (read/rewrite), DVD-ROM, DVD-R (read only)

Part Numbers

PT910U-1V1E77
PT910U-3QJKF7
PT910U-676YJ7

- Slim SelectBay Battery, Lithium Ion (10.8V, 3000mAh)
- Slim SelectBay Hard Disk Drive: 30GB and 40GB (Adapter required)
- **USB Floppy Drive**, 3.5", 1.44MB

Graphics/Video

- 14.1" TFT active-matrix LCD; internal display supports up to 16M colors at **1024 x 768 (XGA) or 1400 x 1050 (SXGA+)**
- S3 Super Savage /IXC-166 graphics controller; 16MB internal video memory
- 3D Graphics Accelerator, 4x AGP bus support; 2D Graphics Accelerator, BitBLT hardware
- External Color Support:
1024 x 768, 800 x 600; 60/75/85Hz Non-Interlaced @ 16M
1280 x 1024; 60/75/85Hz Non-Interlaced @ 64K
1400 x 1050; 60Hz Non-Interlaced @ 64K
1600 x 1200; 60/75Hz Non-Interlaced @ 64K
1600 x 1200, 1400 x 1050, 1280 x 1024, 1024 x 768, 800 x 600: 16M color support

Input Devices

- Keyboard: Full sized 85 keys with 12 function keys, 2.7mm key stroke, 6mm height; Dedicated Windows® & Application keys support; HotKey function
- Mouse: Integrated AccuPoint® II pointing device with scroll buttons
- Toshiba Console Button

Expandability

- 2 Expansion memory slots (including Main Memory)
- 2 PC Card slots support 2 Type II or 1 Type III PC Cards, PCMCIA R2.01, PC Card16, CardBus
- SD slot

Communications

- Integrated V.90 56K modem
- 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.
- Integrated 10Base-T/100Base-TX Ethernet
 - Integrated i.LINK (400Mbps)
 - Integrated Fast Infrared (4Mbps)
 - Optional integrated Wi-Fi compliant wireless LAN – Cisco or Agere (802.11b)
 - Optional integrated Bluetooth (v1.1)

Ports

- Parallel port
- Serial Port
- RGB (monitor) port
- 2 Universal Serial Bus (USB) port (v1.1)
- i.LINK (IEEE 1394)
- Infrared port
- Composite TV-Out – (NTSC/PAL output)
- PS/2 port (keyboard, mouse)
- 240 pin docking connector
- DVI connector (via Advanced Port Replicator)
- Microphone port
- Headphone port
- RJ-45 LAN port
- RJ-11 modem port

Physical Description

- Dimensions (LxWxH): 12.2" x 10.6" x 1.3/1.5" Weight: 5.3lbs
- LED Indicators: Power, Hard Drive, Slim SelectBay, DC-IN, Primary Battery, Wireless indicator, SD indicator, Caps Lock, Arrow Lock, Numeric Lock

Sound

- Yamaha YMF753 software sound
- 16-bit stereo; Built-in stereo speakers, Built-in microphone
- Direct 3D Sound; DirectSound and DirectMusic; Full Duplex and

- MIDI support
- Sound Volume Control Dial
- Microphone port, headphone port

Power Supply

- 75W Auto sensing external AC Adapter, 100-240V / 50-60Hz frequency (Universal) input voltage.
Dimensions (LxWxH): 0.97" x 4.96" x 2.48" Weight: 0.75lbs
- Battery Pack: 6-cell, rechargeable, removable Lithium Ion (Li-Ion) battery,
Dimension (LxWxH): 2.8" x 5.0" x 0.8" Weight: 0.73lbs
- Up to 2.3 hours battery life (Normal Mode with Primary battery)
- Up to 4.4 hours battery life (Normal Mode with Primary battery and Slim SelectBay battery)

Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit

www.accessories.toshiba.com

Security

- Slot for cable lock; PC Card, HDD and memory (by screw only); User Power-on password, HDD Password, Supervisor Password, Fingerprint Security (with PC Card), Keyboard Lock (by HotKey), Screen Blank (by Hotkey), Screen Saver by software

Bios

- TSETUP, APM, ACPI, PnP, VESA, DPMS, DDC, SM BIOS, PC BIOS support

Operating System

- Microsoft® Windows XP Professional / 2000 Professional Dual Link

Additional Software

- Adobe Acrobat Reader
- Windows Media Player
- Toshiba Custom Utilities
- Electronic User's Guide

Warranty

- 3 year parts, labor and 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-operating: 10% to 90%
- **Altitude (relative to sea level):** Operating: -60 to 3000 meters; Non-operating: -60 to 10,000 meters
- **Shock:** Operating: 7G; Non-operating- 60G
- **Vibration:** Operating: 0.2G; Non-operating: 1.0G

Accessories

Toshiba Accessories

PA3082U-1PRP	Advanced Port Replicator
PA3120U-2ETC	Security Plate for Advanced Port Replicator
PA3083U-1ACA	75W Universal AC Adapter
PA3176U-1BRS	Li-Ion Battery
PA3091U-1CHG	Battery Charger
PA3109U-1FDD	USB Floppy Disk Drive
PA3116U-1H30	30GB Hard Disk Drive
PA3133U-1H40	40GB Hard Disk Drive
PA3096U-1BRS	Slim SelectBay Battery
PA3090U-1ETC	Slim SelectBay Hard Drive Adapter
PA3117U-1CDD	Slim SelectBay CD-ROM
PA3087U-1DVD	Slim SelectBay DVD-ROM
PA3088U-3CD1	Slim SelectBay CD-R/RW
PA3162U-1CD2	Slim SelectBay CD-RW/DVD-ROM

KINGSTON Memory

KTT3614/128	128MB Memory
KTT3614/256	256MB Memory
KTT3614/512	512MB Memory

Cases (Targus)

NWCTM1	Metropolitan Carrying Case (koskin)
NWCSS1	Suburban Carrying Case (nylon)

NWCER1

Excursion Roller

Wi-Fi (Agere)

7000011030	AP-2000 (802.11a/b) Access Point
8485878380	Orinoco AP-500 Access Point

Product/Part Numbers/UPC

Tecra 9100 P4 1.8GHz/14T/256MB/40GB/DVD/Mdm/LAN/WiFi/WXP
Part number: PT910U-1V1E77 UPC code: 032017173361

Tecra 9100 P4 2.0GHz/14T/256MB/40GB/DVD/Mdm/LAN/WiFi/WXP
Part number: PT910U-3QJKF7 UPC code: 032017169906

Tecra 9100 P4 2.2GHz/14T/256MB/40GB/DVD/Mdm/LAN/WiFi/WXP
Part number: PT910U-676YJ7 UPC code: 032017169944

***GB = 1 Billion Bytes**

* Central Processing Unit ("CPU") Performance Disclaimer:

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95° F) or >25°C (77°F) at high altitude (all temperature references are approximate).

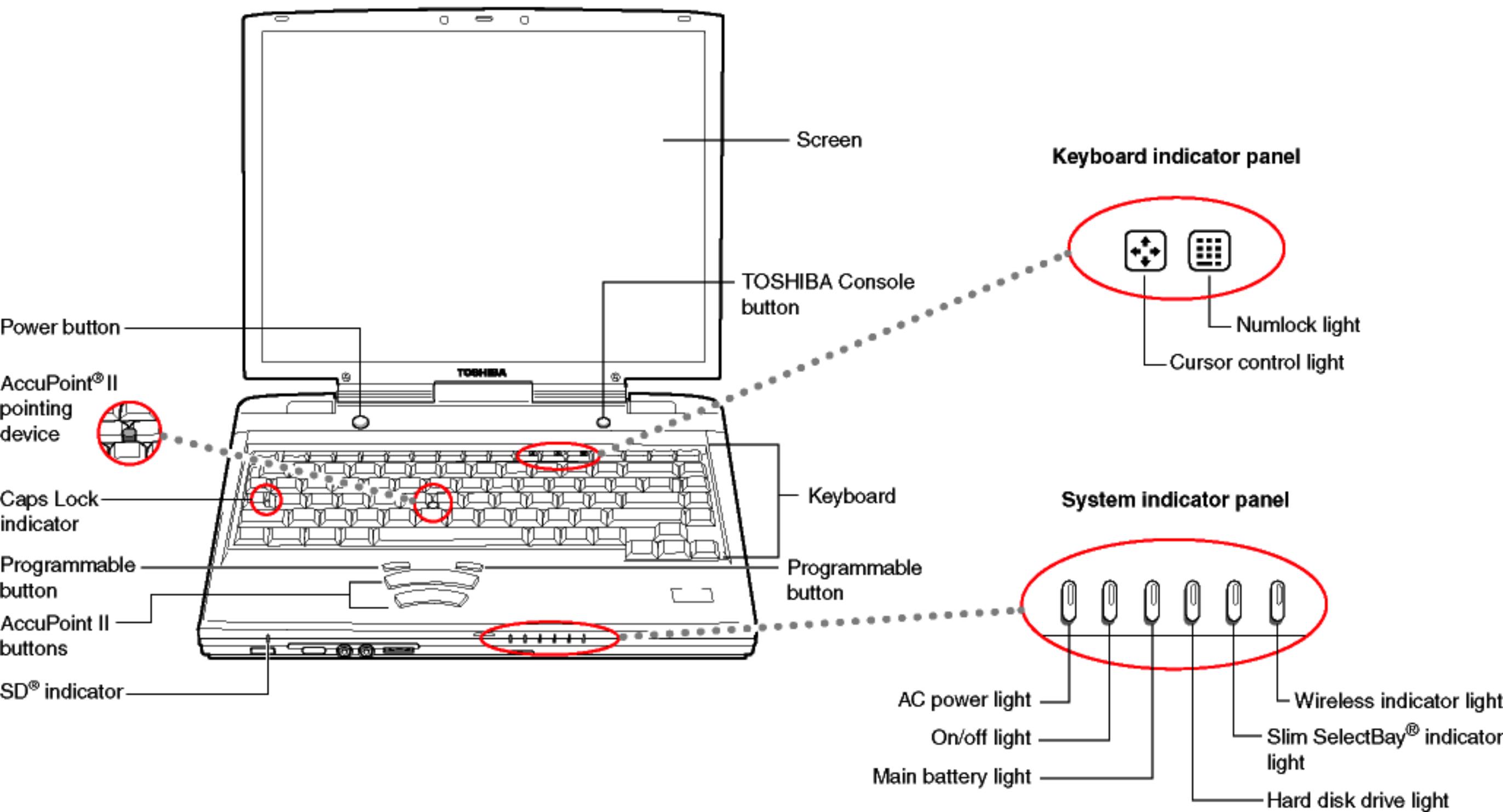
CPU performance may also vary from specifications due to design configuration.

Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

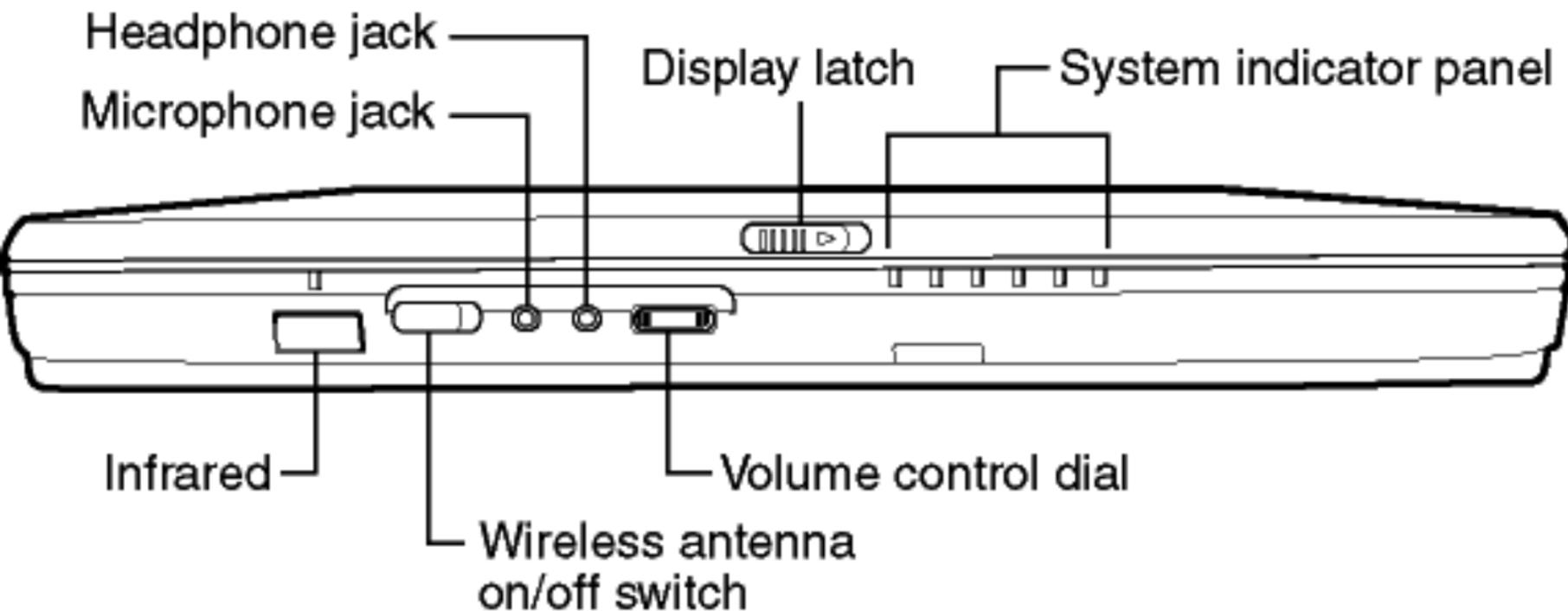
Return Policy

TAIS does not accept the return of component parts, or bundled software, which have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

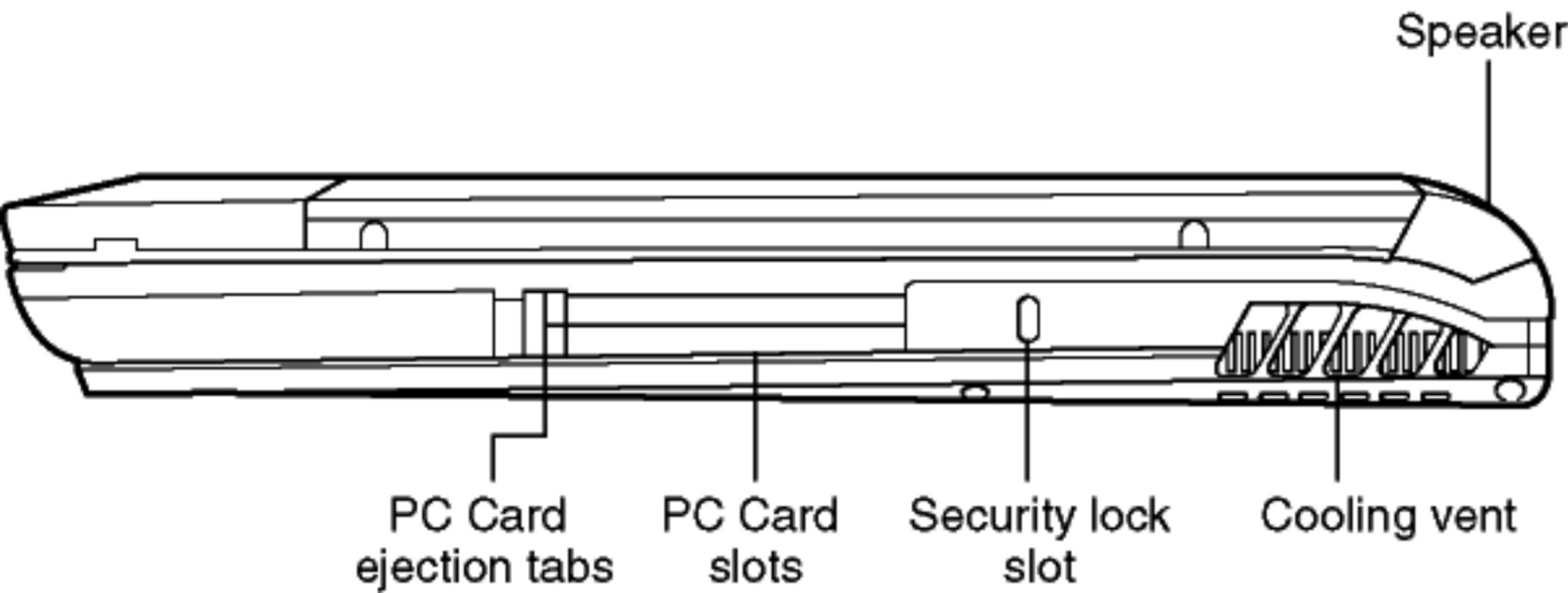
Front with display open



Front with display closed



Right side



Left side

Speaker

SD[®] slot

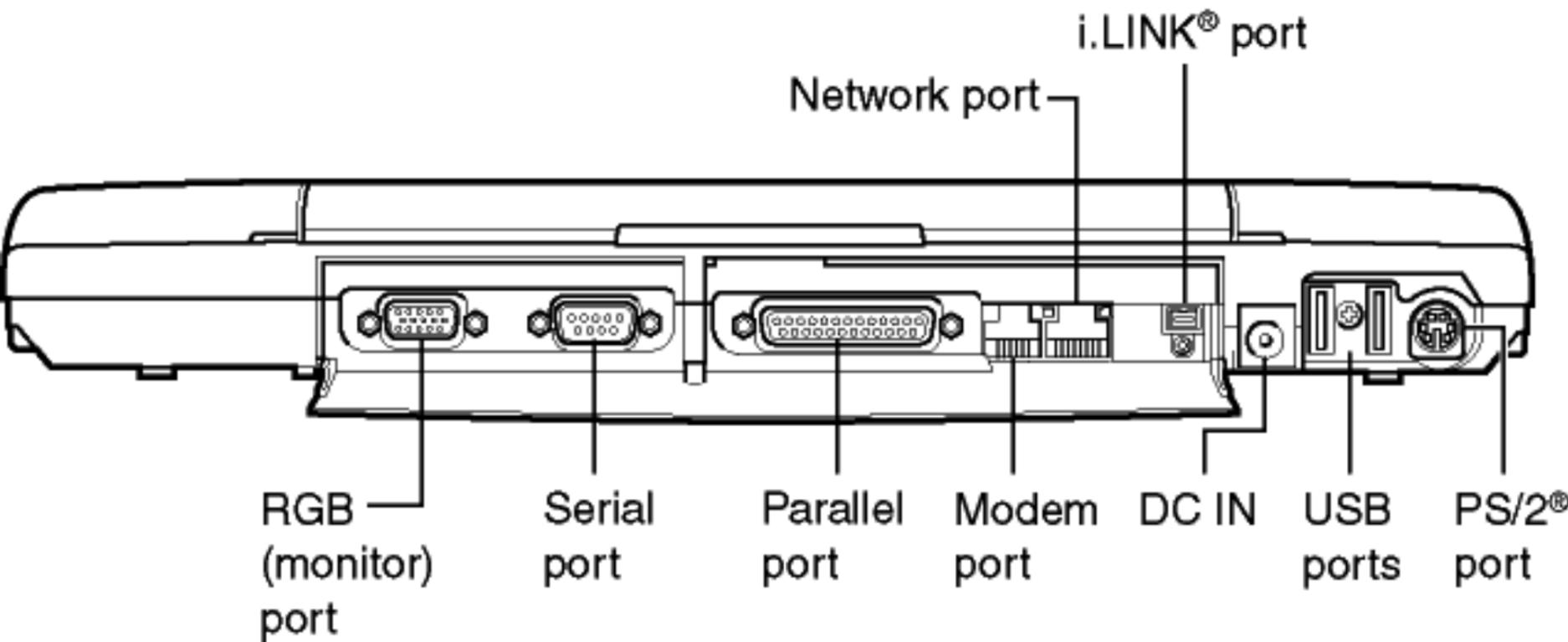


Video-out
port

Hard Disk Drive

Slim SelectBay[®] module

Back



Underside

