UltraBook

Sun Computing For An Increasingly Mobile World

Getting Solaris computing off the desk is today a driving goal of Sun professionals across the five continents. For increasingly mobile mission-critical applications in industry, commerce and government. Leading to improved productivity and effectiveness in software demonstration, networking, database management, system administration and training, for example.

Tadpole-RDI’s unique UltraSPARC®-based family of UltraBook™ portable workstations has been developed specifically for Sun professionals on the move. Incorporating Sun chipsets for 100% binary compatibility with Ultra desktops and servers. Delivering all the power, performance and capacity of Sun’s static desktop workstations and servers. Featuring large active matrix TFT screens and optional Creator 3D-Graphics in an easily portable frame weighing just 7.5-lbs.

Tadpole-RDI
UNIX Workstations and Servers for a Mobile World
Specifications

Software
- Operating system: Solaris 2.6, 2.5.1
- Windows system: Microsoft Windows 3.x
- Network support: AutoNMTM software tools, plus: NTP, NIS+, DHCP, NFS, VLM
- Java tools with 2.6: Java Virtual machine, HotJava browser
- Power management: Power Tool supporting multiple power modes and battery management

Processor/Performance
- 200 MHz UltraSPARC1, version 9
- SPECint 92: 7.44, SPECfp 92: 104
- 167 MHz UltraSPARC1
- SPECint 92: 5.56, SPECfp 92: 9.06
- Cache: 16KB data, 16KB instruction
- Secondary Cache: 512KB

ECC Memory (user installable)
- Standard: 128MB
- Expansion to: 512MB

Hard Disk Drive Storage
- Removable IDE drive, 8GB-13 ms average seek time
- Two removable drive slots available for up to 16GB total capacity
- Contact Tadpole-RDI for the most current configuration

Graphics Options
- PCI based, 3D double buffered 24-bit graphics

Display Options
- Thin Film Transistor (TFT) active matrix color LCD
- Resolution 1024x768
- Color Palette 262,144
- Display Size Options: 12.1" or 14.1"
- Creator available on 14.1"

Keyboard/Pointing Device
- Sun G4 compatible, 97 full travel keys, 3-button integrated trackpad

External Monitors
- Supports up to 16 million colors and resolutions of 1280x1024, 1152x800, 1024x768, 800x600

PCMCIA
- Supports (1) or (2) Type I or Type II or (1) Type III

Optional External Floppy Drive
- Floppy disk drive: 3.5 inch, auto-sensing
- Capacity: 1.44MB

Optional Fax/Modem
- 56Kbps PCMCIA fax/modem card with cellular phone support

Standard External Interfaces
- Ethernet: 10/100 MB/sec twisted-pair standard (10-BaseT)
- SCSI: Ultra DMA 100/66, EIDE (ATA-2/3)
- Parallel: 25-pin parallel port
- Audio: 16-bit audio, 48KHz sampling rate stereo, internal speaker
- External monitor: 133 MHz D-type socket
- Mouse/keyboard: 8-pin, mini-DIN connector, Sun type
- External floppy: 15-pin connector

System Dimensions
- 23 in.x 12.84 in. x 11.65 in.
- 58.8 mm x 326 mm x 296 mm
- Weight: 7.8 lbs (3.5 kg) w/o battery

Environmental
- Altitude: 0-10,000 ft. (0-3,048 m)
- Operating: -40°F to +140°F (4°C to 60°C)
- Storage: -4°F to +140°F (-20°C to +60°C)
- Temperature sensitive fan speed

Regulatory Compliance
- UL 60950, CSA C22.2, No. 950
- TUV (EN60950), CE
- EMC: ITU-T-D5, FCC Part 15
- Class B: (EN50022, Class 8, EN50081-1, EN50082-1, IEC 801-2, IEC 801-3, IEC 801-4)

Battery
- Li-Ion battery: 40-watt-hour capacity
- Run time: 0.5-1.0 hour (appl. dependent)
- Recharge time: 2.5 hours charging only (batteries are charged in background)
- Weight: 1.0 pound
- QuickCheck status on battery pack

Power Management
- LCD blanking
- Graphics shutdown and low power mode
- Hard drive spin down
- Idle loop processor clock speed management
- User definable power management profiles

AC Adapter Charger
- Automatic voltage and frequency sensing
- Voltage: 110V to 240VAC
- Frequency: 47 to 63Hz
- Power: 120W continuous, maximum
- DC output: 18VDC @ 6.5A
- Weight: 1.3 lbs. (0.58 kg)
- AC cord: 3-terminal IEC standard, 3 ft. (0.92 m)
- DC cord: Locking connector, 6 ft. (1.8 m)
- Safety: UL 60950 Class II, IEC 950, EN 60950

Other Standard Features
- Carrying case
- Simultaneous display capabilities with connection to XGA resolution external monitor or projection panel