

# HAMMERHEAD XRT

The Hammerhead XRT (eXtremely Rugged Tablet) is the sixth generation of rugged Tablet PCs designed and manufactured by WalkAbout Computers. The lightweight, powerful, versatile unit enables mobile users to fully utilize new features in Windows XP Tablet PC Edition. The Hammerhead XRT has faster speeds, lower power requirements, longer battery life and the most advanced display technology for optimal outdoor or indoor viewing.

Tested to MIL-STD-810F and earning the highest IP rating in the industry, the ultra-rugged Hammerhead XRT is ideally suited for the toughest applications and most extreme environments. With unmatched durability inside and out, the Hammerhead XRT is the most rugged and reliable mobile computing tool available today.

## Rugged Features

- Designed and tested to MIL-STD-810F
- IP67 rating
- Housing machined from 6061-T6 aluminum for maximum strength
- Fully sealed, vacuum-tested, moisture and dust proof
- Shock-mounted hard drive
- Passive thermal management eliminates switches and fans
- Durable, shock-absorbing, weatherproof carrying case



# INFORMATION & SPECIFICATIONS: HAMMERHEAD XRT

## Processor/Core Logic

- 800/933 MHz Mobile Intel® Pentium® III Processor-M with Enhanced Intel® Speedstep® technology
- 512 KB L2 cache on-die
- System Bus 133 MHz
- Intel® 830MX chip set

## Memory/Storage

- 256 or 512\* MB SO DIMM module
- 20 or 40\* GB shock-mounted rotating hard disk

## Display

### Pen Tablet PC Version:

- 10.4" 800x600 active matrix color display transfective (sunlight readable) or transmissive (indoor)
- Proximity sensing high-resolution electromagnetic digitizer using active pen
- No surface coatings that can be damaged or wear with use
- More than 1,000 dpi resolution
- Silicon Motion 4 MB dedicated video RAM
- Tethered pen for right or left-hand use
- Right and left mouse button emulation

### Touchscreen Tablet PC Version:

- 10.4" 800x600 active matrix color display transfective (sunlight readable) or transmissive (indoor)
- Most durable resistive touchscreen on the market
- Withstands 35 million activations in a single area vs. typical 1 million
- Drift-free operation during temperature changes
- Enhanced antiglare top films improve readability in all lighting conditions
- Higher electrical resistivity lowers power drain and extends battery life

## Audio

- AC97 sound standard
- MPEG audio playback
- Integrated speaker
- Stereo signal via docking\*

## I/O Interfaces

### Via Computer

- PCMCIA (Type III)
- 1 USB (Universal Serial Bus) on computer housing; 2 internal USB

### Via Docking Station or Port Replicator

- Up to 3 serial ports (2 partial)
- 1 USB
- 1 EPP parallel port
- 1 SVGA video
- 1 AC power connection
- 1 keyboard, PS/2
- Custom interfaces available\*

## Expansion/Integration

### PCMCIA Type III (Accommodates up to two Type II PC or card bus devices)

- Door constructed from rugged milled aluminum
- PCMCIA slot fully sealed even with antenna or exposed connectors
- Wireless LAN, CDPD, CDMA, GPRS, Blue Tooth (based on customer request)\*
- 56.6 KB fax modem\*

### Internal OEM devices in "flex" space (include dockable RF switch)

- Integrated Garmin GPS receiver\*
- GPRS (Mobitex UK/Eur)/RIM/IO1000 Integrated Radios\*

## Software

- Microsoft Windows XP Tablet PC Edition
- Windows 2000\* or XP Professional\*
- Phoenix® Flash BIOS, 6.0
- BIOS and firmware user-upgradeable with fail-safe

## Dimensions & Weight

- Size 10 5/8" X 8 1/4" X 1 9/16"
- 4.5 lbs.

## Accessories\*

- Legacy compatible docking for desk, vehicle, wall
- Port replicators
- Durable, shock-absorbing, molded carrying case with rugged handle, shoulder and hand straps; computer fully dockable without removing case
- Bootable 3.5" 1.44 MB FDD
- Bootable CD-ROM/DVD-ROM
- External battery charger
- Compact keyboard, PS/2 or USB

## Power Supply & Management

- Memory-free "smart" Li-Ion battery technology provides accurate power gauge and controlled charging for maximum battery efficiency
- Batteries are "hot swappable" for uninterrupted use
- Dual batteries provide 40 nominal watt hours of power. Second battery optional.\*
- Battery life depends upon configuration, application, temperature, usage pattern and power management; 4 hour typical battery life with two batteries installed
- Battery charges to 80% capacity in less than one hour
- Universal AC adapter\*: 110V-250V, 50-60 Hz
- Will accept 12v DC direct input from vehicle
- Power management -- MS APM and ACPI

\*Denotes optional item

- Housing hinge mechanism patent pending

## Environmental

### EMI/EMC

- EN 55022 CISPR 22 Info. Tech. Equipment, Class B Emissions combination test including deviations for FCC Part 15 CISPR 22 B, Canada ICES-003, Japan VCCI & Australia New Zealand AS/NZS 3548
- Immunity Measurement: IEC 61000-4-2:1995

### Safety

- Low Voltage Directive 73/23/EEC, EN 60950, UL/cUL, TUV-GS, CE

### Rain

- IEC 592, IP67

### Dust

- IEC 529, IP67

### Temperature/Humidity

- Operating temperature: 0°C to 60°C; -20°C with optional heater package\* (MIL-STD-810F, Method 501.4 & 502.4, Procedure II)
- Storage temperature: -40°C to 70°C (MIL-STD-810F, Method 501.4 & 502.4, Procedure I)
- 0 to 95% non-condensing humidity (MIL-STD-810F, Method 507.4)

### Temperature Shock

- MIL-STD-810F, Method 503.4

### Altitude

- MIL-STD-810F, Method 500.4, Storage Procedure I, Operating Procedure II

### Vibration

- MIL-STD-810F, Method 514.5, Procedure I, Category 4 (Truck) & 24

### Shock

- MIL-STD-810F, Method 516.5, Procedure IV, Transit Drop Test, 4 ft.

## Service & Warranty

### Service

- One year comprehensive warranty
- Hammercure 2, 3 and 4 year extended service plans available\*

### Warranty

- Depot service/repair center
- Direct line to technical support (no electronic answering system)



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