



# Wolverine (Extended Temperature)

Rugged Flat Panel Computer with Heater Option for Low Temperature Operation

The Wolverine sunlight readable computer is HAZLOC approved and ruggedized for use in virtually any environment. It sports a NEMA 4 environmentally sealed enclosure with corrosion resistance. The Wolverine now includes a heater option to allow operational temperature ranges down to -30° C. Based on a single board computer with an Intel® Pentium® M 1.6 GHz processor, the unit can be configured with up to 2 GB DDR SDRAM. The Wolverine offers two (2) network options including wireless Ethernet through PCMCIA expansion, field removable hard drive, and features watchdog timer and dimming control.

## Product Features

To provide sunlight readability with minimal temperature rise, the 15" AMTFT LCD utilizes Computer Dynamics' passive enhancements. Viewing enhancement filters are included to reduce sunlight loading. For reliable operation, an impact-resistant Acrylic-on-Glass touch-screen with anti-glare and scratch resistant screen is standard.

## Additional Wolverine features

- Extended temperature operation with heaters
- Acrylic-on-Glass Resistive touchscreen
- Pentium M 1.6 GHz processor
- Up to 2 GB DDR SDRAM
- PCMCIA with field access
- 40 GB hard drive (min.); field removable
- CompactFlash
- Operating system support for Windows®, 9x, 2000, XP, Embedded NT

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# Wolverine (Extended Temperature) Specifications

## CPU

- Pentium M 1.6 GHz processor

## Memory

- Up to 2 GB DDR SDRAM

## Ethernet

- Onboard 10/100BaseT

## Expansion

- PCMCIA with field access

## Hard Drive

- 40 Gbyte hard drive (minimum); field removable

## Flash Disk

- CompactFlash

## Touchscreen

- Acrylic-on-Glass resistive with anti-glare and scratch resistance

## Display Resolution

- 15" 1024x768, 256k color AMTFT LCD; Sunlight Readable

## Viewing Area

- 9" (H) x 12" (W), 15" diagonal  
229 mm x 305 mm

## Dimensions (HxWxD)

- 13.75" x 15.9" x 5.02"  
349 mm x 403 mm x 127.5 mm

## Weight

- 30 lbs (66.138 kg)
- 33 lbs (72.75 kg) with gland plate

## Power

- 100-240 VAC autoranging, 47-63 Hz

## Shock

- 40G pulse

## Vibration

- 28G peak, random

## Environmental

- -40° to 50 °C (operating) with AC heaters
- -30° to 50 °C (operating) with DC heaters
- -40° to 70° C (storage)

## O/S Compatibility

- Windows 9x, 2000, Embedded NT, XP

## Compliance\*

- Class I Division 2, Zone 2, CE, UL, ATEX 3
- NEMA 4

## Mount

- Rear mount

## Options

### CPU

- -Pentium M 1.8 GHz processor

### Mount

- Panel or yoke mount

### Ethernet

- Wireless

### I/O Cover

- Conduit cover with glands to seal I/O connections for NEMA 4 compliance

### Power

- 100-240 VAC autoranging, 47-63 Hz

### Heaters

- For -40 °C operation (AC heaters)
- For -30 °C operation (DC heaters)

\* I/O cover or panel mount option is required for Class I, Division 2 compliance.

## Computer Dynamics Information Centers

Americas:  
1 864 627 8800

Asia Pacific:  
86 10 6561 1561

Europe, Middle East and Africa:  
33 1 4324 6007

## Additional Resources

For more information, please visit the Computer Dynamics web site at:

[www.cdynamics.com](http://www.cdynamics.com)

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