



Wolverine (IS Ethernet Barrier)

Rugged Flat Panel Computer with Intrinsically Safe Ethernet Barrier

Features

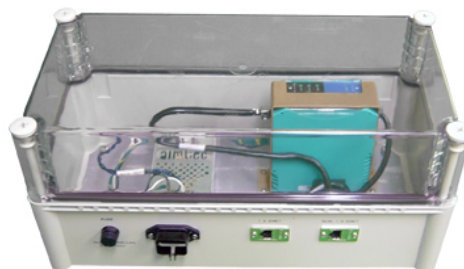
- Extended temperature operation with heaters
- Acrylic-on-Glass resistive touchscreen
- Up to Intel® Pentium® M 1.8 GHz processor
- Up to 2 GB DDR SDRAM
- 40 GB hard drive (min.); field removable
- CompactFlash
- Operating system support for Windows® XP, Embedded NT
- Configured with IS Ethernet Barrier to allow Ethernet cable to run through Zone 1 environments

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 -40° 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.

Wired Ethernet is configured with an Intrinsically Safe (IS) Ethernet Barrier to allow the Ethernet cable to run through a Zone 1 environment. Armored cables are not required. Standard CAT-x Ethernet cables may be used for connection.

In addition to a field removable hard drive, watchdog timer, and dimming control, the Wolverine includes a safe area enclosure that can connect to your network.

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 touchscreen with anti-glare and scratch resistant screen is standard.



Wolverine Rugged Flat Panel Computer with Intrinsically Safe Ethernet Barrier

Specifications

CPU

- Intel Pentium M 1.6 GHz processor

Memory

- Up to 2 GB DDR SDRAM

Ethernet

- On-board 10/100BaseT via an IS Ethernet Barrier

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

O/S Compatibility

- Windows Embedded NT, XP

Dimensions (HxWxD)

- 19.33" x 15.91" x 7.05"
- 491 mm x 404 mm x 179 mm

Mount

- Rear mount

Weight

- 42 lbs (18.9 kg)

Power

- 100-240V AC auto-ranging, 47-63 Hz

Shock

- 40G pulse

Vibration

- Hard Drive: 1G, 10 - 500 Hz, 3 axes
- Solid State: 2G, 10 - 500 Hz, 3 axes

Environmental

- -40° to +50° C operating (AC heaters)
- -40° to 70° C (storage)

Compliance

- Zone 2, CE, ATEX 3
- NEMA 4
- I/O cover or panel mount option required for ATEX compliance

Safe Area Box

- Maximum cable distance is 300'
- 6.5 lbs (2.7 kg)
- Dimensions with antenna (HxWxD)
 - 24.25" x 15.91" x 7.05"
 - 161 mm x 404 mm x 179 mm
- 100 - 240V AC, 4 Watts
- Designed to operate in an indoor /safe area environment

Options

CPU

- Intel Pentium M 1.8 GHz processor

Mount

- Panel or yoke

Ethernet

- Wireless

Drive

- CompactFlash
- Solid State hard drive

I/O Cover

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

About Computer Dynamics

Computer Dynamics (A GE Intelligent Platforms Company) is a leading global provider of flat panel display solutions for a wide range of industries and applications. Our comprehensive product offering includes open-frame, enclosed, and environmentally sealed flat panel display systems in both computer and monitor configurations. The company is headquartered in the U.S. and is a part of GE Intelligent Platforms. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and 24/7 support to deliver what you need. For more information, visit www.cdynamics.com.

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