



Wolverine III

Rugged ATEX Zone 2 (Pending) Flat Panel Computer with Intel® Core™ 2 Duo Technology

Features

- Intel® Core™ 2 Duo 2.26GHz processor
- Extended temperature operation with heaters
- 5-wire resistive touchscreen
- 4 GB DDR3 SDRAM
- 4 COM ports
- 32 GB solid-state SATA drive
- Operating system support for Windows® XP, Windows 7, and Linux
- -20° to +60°C Operational temperature (Instant on at -20°C)
- Designed for Field Serviceability
- Non-incendive external USB
- Lightweight (22.5lbs), yet extremely rugged

The Wolverine III 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. An optional heater allows an operational temperature range of -40° to +60° C.

Based on a rugged Computer-On-Module (COM) assembly utilizing an Intel® Core™ 2 Duo processor with Intel 65-nanometer technology and new micro-architecture, the Wolverine III supports up to 2.26GHz processors with 1066MHz FSB and 6 MB L2 cache. It incorporates an Intel® GS45 and ICH9M chipsets with up to 4 GB non-ECC DDR3 SDRAM

The Wolverine III offers three (3) network options including wireless LAN, field removable hard drive, and features watchdog timer and dimming control.

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.



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Specifications

Display <ul style="list-style-type: none">15" 1024x768, 16.2M color AMTFT LCD; Sunlight Readable with LED Backlight	I/O Interface <ul style="list-style-type: none">4x Non-Incendive USB 2.0 ports4x serial ports, (2x optically isolated RS-232, 2x ES-232/422/485)2x GigaLAN Ethernet ports1x VGA out	Shock <ul style="list-style-type: none">40G pulse (per MIL-STD-810E)
Viewing Area <ul style="list-style-type: none">9" (H) x 12" (W), 15" diagonal229 mm x 305 mm	Storage <ul style="list-style-type: none">1x SATA HDD (32 G SSD standard)	Vibration <ul style="list-style-type: none">Hard Drive: 1G, 10 - 500 Hz, 3 axesSolid State: 2G, 10 - 500 Hz, 3 axes
Touchscreen <ul style="list-style-type: none">5-wire resistive with anti-glare and scratch resistance	Display/User Interface <ul style="list-style-type: none">15" XGA, Sunlight ReadableBezel options with LED/Button configurations (see options)Acrylic on Glass Resistive Touchscreen with anti-glare and anti-scratch coatings	O/S Compatibility <ul style="list-style-type: none">Windows XP, Windows 7, Linux
CPU <ul style="list-style-type: none">Supports soldered Intel® Core™ 2 Duo, 1066 MHz FSB, 6MB L2	System Monitors <ul style="list-style-type: none">Internal TemperatureAccelerometerPower-On Hours	Mount <ul style="list-style-type: none">Rear mount
Memory <ul style="list-style-type: none">Soldered 4GB non-ECC DDR3 SDRAM	Hard Drive <ul style="list-style-type: none">32 GB solid state hard drive (standard); field removable	Compliance (Pending) <ul style="list-style-type: none">CE, ATEX Zone 2, NEMA 4x, IP65
Chipset <ul style="list-style-type: none">Intel® GS45 Express ChipsetIntel® 82801IUX I/O Controller Hub (ICH9M-SFF)	Power <ul style="list-style-type: none">See Options	Options
BIOS <ul style="list-style-type: none">AMI system BIOSSupports Soft off, Wake on LAN, Power on by PS/2 Keyboard Function Key, RTC alarm Power onPower on after power failure	Dimensions (HxWxD) <ul style="list-style-type: none">13.75" x 15.9" x 5.02"349 mm x 408 mm x 98 mm (144mm with IOP Cover)	Mount <ul style="list-style-type: none">Panel or yoke
On-board LAN <ul style="list-style-type: none">2x Gigabit EthernetSupports Boot from LAN (PXE)Supports Wake on LAN (when 5Vsb power is available)2x RJ45	Weight <ul style="list-style-type: none">22.5 lbs, 10.2kg	Drives <ul style="list-style-type: none">Rotating hard driveSolid State hard drive
	Environmental <ul style="list-style-type: none">-20° to +60° C (operating)-40° to 70° C (storage)	I/O Cover <ul style="list-style-type: none">Conduit cover with glands to seal I/O connections for NEMA 4 compliance
		Power <ul style="list-style-type: none">10-32 VDC100-240 VAC auto-ranging, 47-63Hz
		Heaters <ul style="list-style-type: none">-40° to +60° C operating
		Bezel Overlay <ul style="list-style-type: none">Blank FrontPower/Clean/Brightness buttonsPower/Clean/Brightness buttons with F1-F12 buttons

About GE Intelligent Platforms

GE Intelligent Platforms, a General Electric Company (NYSE: GE), is an experienced high-performance technology company and a global provider of hardware, software, services, and expertise in automation and embedded computing. We offer a unique foundation of agile, advanced and ultra-reliable technology that provides customers a sustainable advantage in the industries they serve, including energy, water, consumer packaged goods, government and defense, and telecommunications. GE Intelligent Platforms is a worldwide company headquartered in Charlottesville, VA and is part of GE Home and Business Solutions. For more information, visit www.ge-ip.com.

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