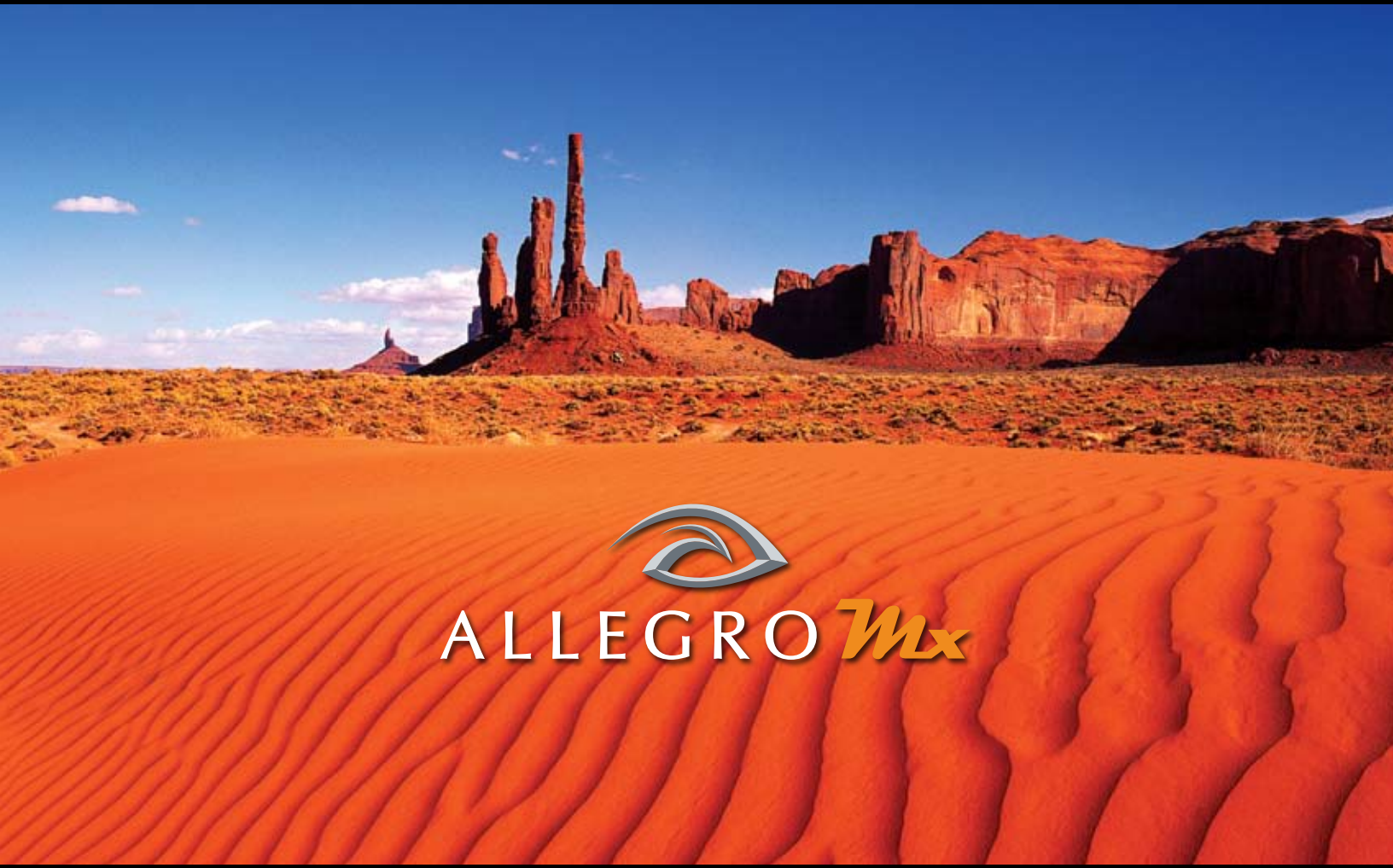
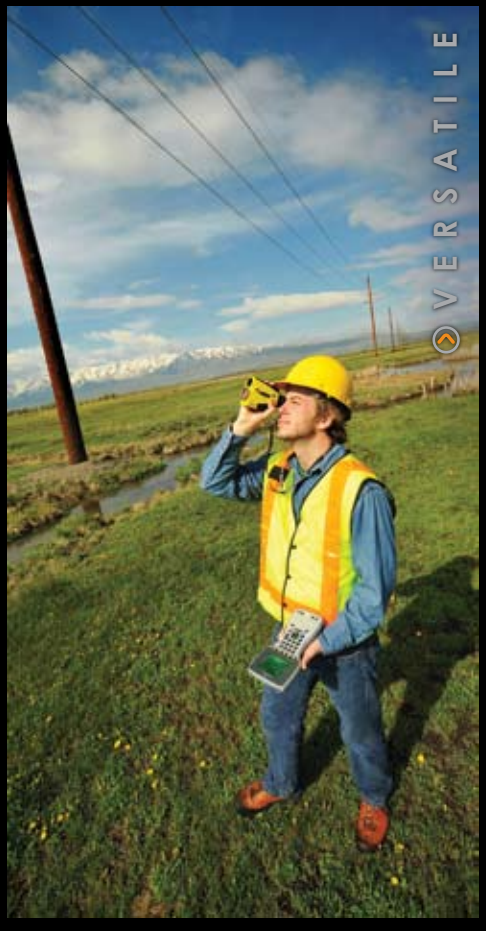


ULTRA-RUGGED FIELD PC



ROCK SOLID, FIELD READY

Try it out! As soon as you hold the Allegro MX, the field beckons. Applications are endless; we want to hear about yours. The Allegro MX is waiting for you. See for yourself what this rugged field computer is capable of . . . call us today.

design advantages

- Built for extreme environments
- Full keyboard featuring large keys
- Dual purpose Windows or application function keys
- Highly visible outdoor readable display
- Reliable operation in wide temperature range
- Long battery life

solutions oriented

- Windows Mobile® 6
- Microsoft® Office Mobile applications included
- OS available in multiple languages
- Customizable for OEM
- Fast 624 MHz processor
- Up to 2 GB internal data storage
- PC and microSD card slots

connections abound

- Bluetooth® wireless technology and 802.11 b/g Wi-Fi options
- Full size USB Host and mini USB Client on board
- RS-232 serial 9 pin connector
- Expansion pods for GPS, bar code scanner, or second serial port
- Optional USB/Power Dock synchronizes data while charging battery

MX specifications

Processor
- 624Mhz PXA270 processor

Operating System and Software
- Windows Mobile® 6 Classic
- Microsoft® Office Mobile
- Multiple languages

Memory and Data Storage
- 128MB RAM
- 1GB or 2GB internal storage options
- PCMCIA slot, Type I or Type II 16-bit
- MicroSD/SDHC slot

Display Options
- Color Display
  - 3.8" (96mm) QVGA (320 x 240) daylight readable transflective color LCD
- Monochrome Display
  - 4.1" (104mm) QVGA (320 x 240) high visibility monochrome LCD
  - Display heater for cold extremes

Keyboard
- 62-key full alpha and numeric keyboard
- Large keys color coordinated by function
- Dual purpose Windows Mobile® or application function keys
- Removable keyboard bezel for easy cleaning

Ports
- Full size USB Host – A
- Mini USB Client – B
- Com 1, RS-232C 9-pin subD with 5VDC on DTR pin
- 12VDC power in, 10-18V unregulated

Physical
- Size 10" high x 5.25" wide at display x 1.5" deep 3.1" wide at narrowest point (256mm x 133mm x 79mm)
- Weight 1.8 lbs (840g)
- Multiple strap attachment points

Environmental
- IP67 waterproof and dustproof
- Operating temperature -22F to 130F (-30 to 54C)
- Storage temperature -30F to 140F (-35 to 60C)
- Tested to MIL-STD 810F for water, humidity, sand and dust, vibration, altitude, shock, temperature

Power
- Rechargeable 4000mAh NiMH battery
- Run time is 10 to 20 hours depending on use
- Fully charged in 4 hours
- Real Time Clock keeps correct date and time, even during long-term battery removal

Wireless Connectivity Options
- Bluetooth® wireless technology 2.0+EDR, Class 1, range 30 feet (10 meters)
- 802.11b/g US and International Wi-Fi options

Certifications and Standards
- FCC Class B
- CE Mark
- EN60950
- RoHS compliant

Standard Accessories
- 4000 mAh NiMH battery
- Stylii – pen and mini
- 100-240V AC power supply US plug
- Documentation CDs
- USB sync cable
- Hand strap and shoulder strap

Optional Accessories
- USB/Power Dock
- 12VDC vehicle charger
- International charger kit includes US, EU, Australia, UK plugs
- Expansion pods for GPS, bar code scanner, National Instruments DAQ, radio modem, and OEM development

Patents
- US 6,421,234 B1 Handheld Electronics Device Having Ergonomic Features
- US 6,407,911 B1 Sealed Portable Electronics Device Having Expansion Port
- US 6,488,425 B1 Keypad & Removable Bezel

Available Configurations

Screen	Bluetooth	Wi-Fi USA	Wi-Fi Intl	1GB	2GB
mono				●	
mono	●	●		●	
color	●				●
color	●	●			●
color	●		●		●

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Windows Mobile and the Windows logo are trademarks of the Microsoft group of companies.

Minimum temperature specification for Bluetooth module -4F (-20C)

ULTRA-RUGGED FIELD PC

allegro MX

Rugged, reliable, rewarding; the Allegro MX is built for you. Hear the wind sweep across the torrid desert, feel the cold snap against your face on a high mountain glacier, touch the rain soaked forest, no matter where you work the Allegro goes with you . . . anywhere. It is your essential tool to capture the information to get your job done.

Customers are our passion. We are dedicated to exceed your expectations. Providing intuitive field computing solutions designed for rugged applications is what we do. Your applications fulfill the potential of the Allegro MX.

Call us for a demo today.

INTUITIVE
FIELD COMPUTING SOLUTIONS
for rugged applications

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ALLEGRO Mx