

# YUMA

Ultra-rugged and full featured



**handheld**

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## Ultra-rugged and full featured

The new TDS Yuma™ rugged tablet computer withstands even your most challenging work environments. Safeguard your data in the face of dust, sand, mud, humidity, vibration and extreme temperature. If this sounds like your everyday reality, take a closer look at the Yuma rugged tablet computer. Collect information, process data, capture photos and communicate with the office, all with the assurance that your data is protected.

Ultra rugged, full featured and surprisingly lightweight, Yuma provides state of the art technology in an environmentally sealed package. The Yuma's rugged design incorporates a 7-inch touch screen, an Intel Atom 1.6 GHz processor, a solid state hard drive, 2 digital cameras and integrated WiFi, Bluetooth, and GPS. Even with the 2 hot swappable batteries the Yuma weighs only about 1,2 kg.

The Yuma rugged tablet was designed to keep working in any outdoor environment – no matter how extreme. Overcoming the elements presents multiple challenges for mobile computers. Water, dust and dirt easily threaten the internal components of all but the most rugged of outdoor computers. The Yuma rugged tablet features an ingress protection rating of 67 (IP67), meaning it's sealed against dust and can be immersed in water for 30 minutes at a depth of one meter. Water and dust won't sideline your Yuma rugged tablet.

Shock, vibration and extreme temperature fluctuation can damage a less rugged device. Its rugged design incorporates a solid state hard drive, eliminating internal moving parts and providing protection against stress from impact and vibration. In addition, MIL-STD-810F specifications ensure that your Yuma rugged tablet computer survives bitter cold, blistering heat and everything in between.

Whatever computing projects your work requires and wherever your work takes you, the Yuma rugged tablet meets the challenge. Go from the office to the truck to the field and back with one mobile computer.

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

<b>Size</b>	140 mm (5.5") x 230 mm (9") x 50 mm (2")
<b>Weight</b>	1.2 kg (2.6 lb)
<b>Environment</b>	
<i>Operating:</i>	-30 °C to 60 °C (-22 °F to 140 °F), MIL-STD-810F, Method 501.4 Procedure II, MIL-STD 810F, Method 502.4, Procedure I, II, III
<i>Storage:</i>	-40 °C to 70 °C (-40 °F to 158 °F) MIL-STD-810F, Method 501.4 Procedure II, MIL-STD 810F, Method 502.4, Procedure I, II, III
<i>Drop:</i>	26 drops from 1.22 m (4 ft) MIL-STD-810F, Method 516.5, Procedure IV, 6 additional drops at -30 °C (-22 °F), 6 additional drops at 60 °C (140 °F)
<i>Vibration:</i>	MIL-STD-810F, Method 514.5 Procedures I & II, General minimum integrity and the more rigorous loose cargo test
<i>Sand &amp; Dust:</i>	IP67, MIL-STD-810F, Method 510.3, Procedures I&II, IEC-529 IP-X6
<i>Water:</i>	IP67, MIL-STD-810F, Method 512.4, Procedure I, Water Jet 12.5 mm dia. @ 2.5-3m, 100 liter/min. Immersed in 1 meter of water for 30 minutes
<i>Humidity:</i>	MIL-STD-810F, Method 507.4, 90% RH temp cycle 0 °C/70 °C
<i>Altitude:</i>	4572 m (15.000 ft) at 5 °C (73 °F) and 12192 m (40.000 ft) at -30 °C (-22 °F ) MIL-STD-810F, Method 500.4, Procedures I, II & III
<b>Processor/memory</b>	Intel Atom Z530 1.6 GHz processor, 1 GB DDR2 RAM
<b>Data Storage/Disk</b>	32 GB solid state hard drive
<b>Operating System</b>	Windows Mobile 7
<b>Screen</b>	7" widescreen 1024x600 WSVGA 650 NIT sunlight readable touchscreen display
<b>Keyboard</b>	Six keys (power, enter, directional and 3 user programmable function buttons), on-screen QWERTY soft keyboard
<b>Battery</b>	Standard: Dual hot-swappable Lithium-ion batteries, 2600 mAh each Extended: Dual hot-swappable Lithium-ion batteries, 5100 mAh each
<b>Connections</b>	2 x USB 2.0 port 1 x 9-pin serial RS-232 port 1 x DC power port 1 x 32 pin docking 1 x Headphone/speaker mini-jack stereo 1 x Microphone/line-in mini-jack 1 x SDIO memory slot 1 x ExpressCard 34 mm slot
<b>Communication</b>	WLAN: Integrated 802.11b/g, Intel WiFi Link 5100 (CCX) PAN: Integrated Bluetooth v.2.1 + EDR Compliant Integrated GPS SIRF III, WAAS/EGNOS capable External GPS antenna via vehicle docking station
<b>Camera</b>	Front facing autofocus 2-megapixel camera (photo and video) User facing camera (1.3 megapixel)
<b>Options</b>	• 12V vehicle charger • Pole mount solution • Tactical vehicle mount • Office docking station (includes 2-bay extra battery charger) • Lanyard for stylus • Rugged keyboard

Handheld Europe AB is a European supplier of rugged mobile computers on the EMEA market. Handheld Europe and its partners deliver complete mobility solutions to businesses in industries such as forestry, logistics, public transportation, construction, service & maintenance, military and security. Handheld Europe is a subsidiary of Handheld Group AB, a company specializing in rugged field computing solutions.

# handheld

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