ALGIZ 10X

EXTREME FIELD PERFORMANCE

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The powerful Algiz® 10X rugged tablet PC offers sophisticated technology and can withstand weather elements and harsh handling — a perfect match for today's mobile workforce. It operates on a powerful Intel® quad-core processor, with a 128 GB SSD, expandable via microSD™ and 4 GB of DDR3 RAM, offering top-of-the-line computing capability and massive storage capacity. It runs Windows 8.1 Industry Pro.

The Algiz 10X features the latest generation of MaxView™ screen technology, with a brilliant 10.1-inch touchscreen that's perfect for field professionals who need a large display to handle detailed maps or other visuals. The screen's ambient light sensor adjusts backlighting automatically — so collecting data in bright sunlight is just as easy as reviewing it indoors.

The Algiz 10X is a lightweight rugged device at just 1.3 kg, and it's only 32 mm thick. Even with such a portable size, this tablet is built to withstand the harsh conditions that come with all kinds of industry fieldwork. It's IP65-rated and meets stringent MIL-STD-810G military standards for protecting against dust, water, vibrations, drops, extreme temperatures and varying altitudes.

With its integrated u-blox® GPS receiver and WAAS/EGNOS/MSAS capability, the Algiz 10X is also a powerful and accurate tool for mapping and surveying. And it offers ultimate mobility: antenna pass-through connectors for both GSM and GPS let you use an external antenna when the unit is docked, and hot-swappable capability with a lithium-ion battery pack lets you go all day without stopping or shutting down.

Data capturing is easy and intuitive with this Algiz tablet, thanks to the built-in 5-megapixel camera with LED flash, microphone jack and several connectivity options, including USB 2.0, VGA and RS232 ports. As for the keypad, this unit features three programmable buttons, space-saving 4+1 directional keys, one menu button and a resistive touchscreen that keeps navigation simple even in rainy weather.

On-the-go connectivity is crucial for today's enterprises, and this tablet offers Internet connection options to keep you up to speed no matter where you are. It features the latest in wireless connectivity: It's LTE ready with a fully integrated modem and antennas. Use WLAN for easy and fast connection through hotspots and local networks, or BT for short-range wireless connection to peripheral devices.

The Algiz 10X is designed for field performance. It has the strength and power to carry out your critical operations dependably, even in extreme environments. So whether you're surveying, building, patrolling or distributing, you don't have to worry about your technology – just let it do its job while you do yours.

Size	275 mm (10.8") x 171 mm (6.7") x 32 mm (1.2")
Weight	1.3 kg (2.9 lbs)
Environment	
Operating:	-20 °C to 60 °C (-4 °F to 140 °F) MIL-STD-810G, Method 501.5 Procedure II MIL-STD-810G, Method 502.5 Procedure II
Storage:	-40 °C to 70 °C (-40 °F to 158 °F) MIL-STD-810G, Method 501.5 Procedure I MIL-STD-810G, Method 502.5 Procedure I, III
Drop:	26 drops from 1.22 m (4 ft) Free to Concrete MIL-STD-810G, Method 516.6 Procedure IV
Vibration:	MIL-STD-810G, Method 514.6 Procedures I, II, III
Sand & Dust:	IP65, IEC60529
Water:	IP65, IEC60529
Humidity:	MIL-STD-810G, Method 507.5, 95% RH temp cycle 30 °C/60 °C
Altitude:	4572 m (15.000 ft) at 30 °C (86 °F)
Processor	Intel® quad-core N2930 1.83 GHz Processor with 2.16 GHz boost.
Memory/Disk	4GB DDR3 RAM/128 GB SSD
Operating System	Microsoft Windows 8.1 Pro / (downgradable to Windows 7)
Screen	10.1" widescreen 1366x768 resolution LED high brightness MaxView™ Technology. Resistive single touch. Ambient light sensor.
Keyboard/Keypad	• Power key • Menu key • 4+1 Navigation/directional keys • 3 user programmable buttons • On-screen QWERTY soft keyboard
Battery	Hot-swappable Li-Ion Battery Pack: Standard battery: 5300 mAh (39.22 Wh) Extended battery: 10600 mAh (78.44 Wh)
Connections	1 x USB 2.0 port* 1 x USB 3.0 port 1 x 9-pin serial RS-232 port* 1 x VGA* 1 x DC power port* 1 x RJ45 10/100/1000 LAN 1 x microSD Slot, SDXC 1 x Audio/Microphone **IP65 with open cover*
Docking Connector	Contact Pin Type 1 x External GPS antenna input 1 x External GSM antenna input
Communication	
Audio:	Speaker / Mic / Headset jack
Bluetooth:	Integrated BT v4.0 / v2.1
Cellular (WWAN):	WWAN (Optional) supporting: • LTE • HSPA+ • GSM/GPRS
Wireless LAN:	802.11ac a/b/g,n Dual Band 2.4/5GHz
Navigation	Integrated u-blox® GPS, WAAS/EGNOS/MSAS-capable
Camera	5 Megapixel Camera + LED flash
Options	• Vehicle cradle that includes: 1 DC PWR, 2xUSB, 2xRS232, 1x10/100 LAN, 1 x GPS antenna input, 1xGSM antenna input • Carry cases • Pole mount solution • 12V vehicle charger

Handheld Group AB is a manufacturer and worldwide supplier of rugged PDAs and mobile computers. Together with partners Handheld deliver complete mobility solutions to businesses in industries such as logistics, forestry, geodesy, public transportation, construction, service & maintenance, military and security. The Handheld Group of Sweden has local offices in Sweden, Finland, the Netherlands, Italy, Germany, Switzerland, Australia, UK and the USA.

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