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handheld Algiz 10X

Extreme field performance



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The powerful Algiz® 10X rugged tablet PC runs sophisticated technology and can withstand weather elements and harsh handling — a perfect match for today's mobile workforce. It operates on a powerful Intel® Atom™ N2800 dual-core processor, with a 64 or 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 7 Ultimate, and is ready for Windows 8.

The Algiz 10X features the latest generation of MaxView™ 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 opportunities, including waterproof 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 WWAN Gobi™ 3000-ready with a fully integrated modem and antennas. Use WLAN 802.11 b/g/n for easy and fast connection through other equipment hotspots and local networks, or Bluetooth 4.0 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 x 171 mm x 32 mm
Weight	1.3 kg
Environment	
Operating:	-20 °C to 60 °C MIL-STD-810G, Method 502.5, Procedure II
Storage:	-40 °C to 60 °C MIL-STD-810G, Method 501.5, Procedure I; MIL-STD-810G, Method 502.5, Procedures I & III
Drop:	26 drops from 1.22 m MIL-STD-810G, Method 516.6, Procedure IV
Vibration:	MIL-STD-810G, Method 514.6, Procedures I & II
Sand & Dust:	IP65, MIL-STD-810G
Water:	IP65, MIL-STD-810G
Humidity:	MIL-STD-810G, Method 507.5
Altitude:	4572 m at 23 °C
Processor	Intel® Atom™ N2800 1.86 GHz Processor
Memory/Disc	4GB DD3 RAM/64 GB SSD, optional 128 GB SSD
Operating System	Microsoft Windows 7 (ready for Windows 8)
Screen	10.1" widescreen 1366x768 resolution LED high brightness MaxView™ Technology. Resistive single touch. Ambient light sensor.
Battery	Hot-swappable Li-Ion Battery Pack: Standard battery: 38.5 Wh Extended battery: 77 Wh
Connections	1 x USB 2.0 port* 1 x USB 2.0 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 1 x Audio/Microphone *Waterproof even with latch open
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 Bluetooth v.4.0
Cellular (WWAN):	WWAN (Optional) Gobi™ 3000 ready, supporting the following RF bands: • HSPA+ 850/900/1900/2100/AWS MHz • Quad-band GSM/GPRS/EDGE – 850/900/1800/1900 MHz • CDMA EVDO Rev. A – 800/1900 MHz 802.11 b/g/n supports WEP, WPA, WPA2
Wireless LAN:	
Navigation	Integrated u-blox® GPS, WAAS/EGNOS/MSAS-capable
Camera	5 megapixel camera + LED Flash
Options	• Vehicle cradle that includes: 1 DC PWR, 2 x USB, 2 x RS232, 1 x 10/100 LAN, 1 x GPS antenna input, 1 x GSM antenna input • Carry cases • Pole mount solution • 12V vehicle charger