ALGIZ 10X

EXTREME FIELD PERFORMANCE

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The powerful Algiz 10X rugged tablet 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. The Algiz 10X comes standard with Windows 10 Enterprise (64-bit).

Vivid display in any environment

The Algiz 10X features a crisp and bright 10.1-inch full HD projected capacitive touchscreen, and comes with an optional active capacitive stylus plus rain and glove modes — perfect for field professionals who need a large display to handle detailed maps or other visuals in any weather condition. The screen's ambient light sensor adjusts backlighting automatically — so collecting data in bright sunlight is just as easy as reviewing it indoors.

Slim and light…but rugged and tough

The Algiz 10X is lightweight for a 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.

A perfect tool for GIS and survey data collection

With its integrated u-blox ® NEOM8N GPS/GLONASS receiver with WAAS/EGNOS/MSAS capability, users get access to more satellites, making the Algiz 10X 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.

All the features you want in the field

Data capturing is easy and intuitive with this Algiz 10X 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 a touch lock key, two programmable hotkeys, a Windows Home key and a menu key to keep navigation simple.

Connectivity wherever you go

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.

Dimensions	275 mm x 171 mm x 32 mm (10.8" x 6.7" x 1.2")
Weight	1.3 kg (2.9 lbs)
Processor	Intel® Celeron® N2930 1.83 GHz (2.16 GHz boost) 64-bit quad-core
Graphics	Intel HD Graphics Z3700
RAM & Storage	4 or 8 GB /128 GB
Operating System	Windows 10 Enterprise (64-bit) Windows 7 Ultimate (64-bit)
Display	10.1" capacitive multi-touch (10 points) 1920×1200 pixels Sunlight readable, 600 nits Glove/rain mode Chemically strengthened glass
Buttons	Power, lock/touch mode, menu, home, F1, F2
Battery	
Standard:	7.4V 5300 mAh (39.22 Wh), hot-swappable
Extended :	7.4V 10600 mAh (78.44 Wh), hot-swappable
Ports	DC power jack* USB A 2.0* USB A 3.0 RS-232* VGA* Ethernet Docking connector 1x micro SDXC 1x micro SIM *IP65 with open cover
Communication	
Cellular (WWAN):	2G, 3G, 4G/LTE, Verizon LTE Sierra MC7354 (NA. mPCIe Type) Sierra MC7304 (EU. mPCIe Type) Sierra MC7455 (Verizon. mPCIe Type)
Wireless LAN:	2.4GHz/5GHz 802.11ac a/b/g/n
PAN:	BT V4.0
Audio:	Front-facing speaker Microphone
Positioning	Dedicated u-blox GNSS receiver GPS/GLONASS/Galileo/BeiDou
Cameras	
Rear:	5 megapixel with autofocus and flash
Sensors	Ambient light
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 Procedures II, III
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
Drop/shock:	26 drops from 1.2 m (4 ft) MIL-STD-810G, Method 516.6 Procedure IV
Vibration:	MIL-STD-810G, Method 514.6 Procedure I
Sand & Dust:	IP65, IEC 60529
Water:	IP65, IEC 60529
Humidity:	MIL-STD-810G, Method 507.5 Procedure II
Altitude:	4572 m (15.000 ft) MIL-STD-810G, Method 500.5 Procedure I
Additional Security	TPM V1.2
Options	For options and accessories, please see www.handheldgroup.com/ algiz-10x