



ALGIZ 10X

Extreme field performance



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.

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Version 1.6

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 and 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)
1920x1200 pixels
Sunlight readable, 600 nits
Glove/rain mode
Chemically strengthened glass

Buttons

Front

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
802.11 ac, 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 501.5/502.5 Procedures II, III

Storage

-40°C to 70°C (-40°F to 158°F)
MIL-STD-810G, Method 501.5/502.5 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

TMP V1.2

Options

For options and accessories, please see
www.handheldgroup.com/algiz-10x



Glacier Computer

603.882.1560 Ext. 6

sales@glaciercomputer.com

www.glaciercomputer.com