

ALGIZ 7

Super-rugged, ultra-mobile



handheld

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The Algiz 7® represents the next generation of mobile PC performance. This rugged tablet PC is small, light and fast, with multiple connectivity options and a wide range of functionality. If you work with detailed maps or other visuals and need a larger display than a handheld, or if you need full Windows PC functionality, this Algiz tablet's 7-inch screen and Windows 7 platform make it a great solution. And it's tough enough to work in the most challenging environments.

Top performance starts with great power. The Algiz 7 features an impressive Intel Atom 1.6 GHz processor, with a massive 64 GB SSD and 2 GB of DDR2 RAM. It runs the state-of-the-art Windows 7 Ultimate operating system, the most powerful tool available for the field user. That means you'll be able to work in all the top PC applications, in the office and out in the field.

And it takes this level of performance to match up with all the mobile capabilities the Algiz 7 delivers. For example, GPS navigation functionality is fully built in. And when it comes to communicating with other devices the Algiz 7 gives you a wide range of options – use Bluetooth for short-range wireless connection to other equipment, or 802.11 WLAN if you have a local network you'd like to sync with. The fully integrated 3G antenna and modem provide high-speed GSM/UMTS/EVDO data transmission. Anytime-anywhere Internet access is the key to productivity in today's mobile workforce, and the Algiz 7 is ready for Gobi™ 2000 technology - which means that you'll be able to work on your choice of wireless frequency anywhere in the world.

To collect visual information in the field, the Algiz 7 features a built-in 2-megapixel camera with LED light. And you can extend your work capacity with an array of connectivity opportunities, including waterproof USB 2.0 and RS232 ports, plus LAN ports.

The Algiz 7 packs all this performance into a small package. Weighing in at a mere 1.1 kg, this compact tablet features a 7-inch widescreen touch display with the new and unique MaxView™ technology, which provides spectacular brightness in outdoor conditions so you can see your work even in direct sunlight. And you can put in a full day's work, with a hot-swappable 2600 mAh dual battery pack that lets you change batteries without shutting down.

With 10 easy-to-use function buttons and an on-screen QWERTY soft keyboard, you can use the Algiz 7 efficiently in the office. But its heart is outdoors, where its versatility and built-in ruggedness make it stand out. It meets stringent MIL-STD-810G military standards for withstanding humidity, vibration, drops and extreme temperatures, and it keeps dust and water out as well. So use it in any kind of weather, let it rattle on the dashboard, rinse it off after a dirty day – the Algiz 7 is built for hard work.

The winning combination of ruggedness and portability makes the Algiz 7 perfect for industries such as homeland security, public safety, field service, GIS/mapping, logistics, railways, telecommunications, energy, law enforcement, military, warehousing – just about anything. If you want portable, professional performance out in the field, the Algiz 7 delivers what you need.

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Size	144 mm (5.56") x 242 mm (9.5") x 40 mm (1.57")
Weight	1.1 kg (2.42 lb)
Environment	
<i>Operating:</i>	-23 °C to 60 °C (-9.4 °F to 140 °F), MIL-STD-810G, Method 501.4 Procedure II, MIL-STD 810G, Method 502.4, Procedure I, II, III
<i>Storage:</i>	-40 °C to 70 °C (-40 °F to 158 °F) MIL-STD-810G, Method 501.4 Procedure II, MIL-STD 810G, Method 502.4, Procedure I, II, III
<i>Drop:</i>	MIL-STD-810G 4ft Drop, Free to Concrete. 26 drops from 1.22 m (4 ft) MIL-STD-810G, Method 516.5, Procedure IV
<i>Vibration:</i>	MIL-STD-810G, Method 514.5 Procedures I & II, General minimum integrity and the more rigorous loose cargo test
<i>Sand & Dust:</i>	IP65, MIL-STD-810G
<i>Water:</i>	IP65, MIL-STD-810G
<i>Humidity:</i>	MIL-STD-810G, Method 507.4, 90% RH temp cycle 0 °C/70 °C
<i>Altitude:</i>	4572 m (15,000 ft) at 22 °C (73 °F)
Processor/memory	Intel Ultra Low Power Atom Z530 1.6 GHz processor (w/ US15W Chipset), 2 GB DDR2 RAM
Data Storage/Disk	64 GB SSD solid state hard drive
Operating System	Microsoft Windows 7 Ultimate
Screen	7" widescreen 1024x600 resolution TFT LCD, MaxView™ sunlight readable resistive touchscreen display
Keyboard	10 keys: <ul style="list-style-type: none"> • Power key • Menu key (Controls Brightness, Volume, Battery Status, WiFi & BT On/Off, and 3G On/Off) • 4+1 Navigation/directional keys (Left, Right, Up, Down, Center for Enter) • 3x user programmable hotkey buttons that control up to 6 functions • On-screen QWERTY soft keyboard
Battery	Hot-swappable Dual Li-Polymer Battery Pack, 2600 mAh each, support minimum 6 hours operation.
Connections	2 x USB 2.0 port (one fully waterproof, even when the latch is open) 1 x 9-pin serial RS-232 port (fully waterproof, even when the latch is open) 1x LAN 1 x DC power port Input: 120-240 VAC, 50-60 Hz, 12 VDC Output Docking Connector (Contact Pin Type) 1 x 4 pin docking Audio Out 1 x Microphone Audio Integrated (one speaker) Fully Gobi™ 2000 PCIe module-ready
Communication	Wireless LAN 802.11 b/g/n PAN: Integrated Bluetooth v2.0 + EDR Compliant WWAN (Optional) Gobi™ 2000 ready, supporting the following RF bands: <ul style="list-style-type: none"> • HSDPA/UMTS 800/850/900/1900/2100 MHz • Quad-band EDGE/GPRS/GSM – 850/900/1800/1900 MHz • Dual-band EV-DO/CDMA – 800/1900 MHz
Navigation	u-blox GPS, WAAS/EGNOS capable
Camera	2 Megapixel Camera + LED light
Options	<ul style="list-style-type: none"> • 12V vehicle charger • Pole mount solution • Vehicle cradle that includes: <ul style="list-style-type: none"> *1 x DC PWR *2 x USB *2 x RS232 *1 x 10/100LAN *VESA holes

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.

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