

ALGIZ 7

Super rugged, ultra mobile



timbatecTM
Service and Engineering

ALGIZ 7 is supported and serviced by:

Austria:

Latschbacher GmbH
Hauptstraße 8/10
A-4484 Kronstorf
Phone: +43 (0) 7225 8206 0
Fax: +43 (0) 7225 8206 10
E-Mail: office@timbatec.com

Germany:

Latschbacher GmbH
Ludwig-Zeller-Straße 44
D-83395 Freilassing
Phone: +49 (0) 8654 4738 0
Fax: +49 (0) 8654 4738 10
E-Mail: office@latschbacher.de

Switzerland:

Latschbacher AG
Rohanstrasse 11
CH-7205 Zizers
Phone: +41 (0) 81 330 05 55
Fax: +41 (0) 81 330 05 51
E-Mail: office@latschbacher.ch

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Main Features

- Slim and robust
- IP65 protected, MIL-STD 810G
- Operating system MS Windows 7 Professional
- Hot swappable dual battery pack
- 7" widescreen display, sunlight-readable
- Integrated Bluetooth 2.0 + EDR and WLAN 802.11 b/g
- Integrated GPS Mediatek, WAAS/EGNOS capable
- Integrated 2 megapixel camera with LED light
- Intel Atom Z530 1.6 GHz processor, 2 GB DDR2 RAM
- 64 GB stable harddisk
- Extensive connectors

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 Professional 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 and a mini-PCI interface module.

The Algiz 7 packs all this performance into a small package. Weighing in at a mere 1.1, 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 2400 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.

Applications

Algiz 7 is very robust and its construction is still very light weight. It is perfect for areas such as geodesy, military, emergency services, security, service technicians and among some.



Size
Length: 140 mm, Width: 230 mm, Height: 40 mm
Weight: 1.100 g inclusive battery

Technical data
Drop: 26 drops from 1.22 m on concrete, MIL-STD 810G, method 516.5, procedure IV
Vibration: MIL-STD 810G, method 514.5 procedure I & II,
Storage temperature: -40 to +70 °C, MIL-STD 810G, method 501.4 procedure II, method 502.4, procedure I, II and III
Operating temperature: -23 to +60 °C, MIL-STD 810G, method 501.4 procedure II, method 502.4, procedure I, II and III
Sand and dust: IP65, MIL-STD 810G
Water: IP65, MIL-STD 810G
Humidity: MIL-STD 810G, method 507.4, 90% relative humidity, temperature cycle 0 °C to +70 °C
Altitude: 4.572 m at +5 °C

Processor/Memory
Intel Atom Z530 1.6 GHz processor (w/US15W chipset),
2 GB DDR2 RAM
64 GB SSD harddisk

Display
7" widescreen 1024x600 WSVGA, Maxview™ sunlight readable display with resistive touch screen

Battery
Hot swappable dual battery pack, 2.400 mAh each for minimum 6 hours operation

Operating system
Microsoft Windows 7 Professional

Connections
2 x USB 2.0 port (one fully waterproof, even when the latch is open)
1 x 9-pin RS-232 port (fully waterproof, even when the latch is open)
1 x LAN
1 x DC power supply
1 x docking connector (contact pin type)
1 x 4 pin docking
1 x headphone
1 x microphone
Audio integrated
Fully Gobi™ 2000 PCIe module-ready

Communication
Integrated 802.11b/g
Integrated Bluetooth v.2.0 + EDR Compliant
Integrated GPS Mediatek, WAAS/EGNOS capable
Optional WWAN Gobi™ 2000 ready, supporting the following RF bands:
- 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

Camera
2 megapixel camera with LED light

Keyboard
10 keys (power, menu key, 4+1 navigation keys, 3 x user programmable function key), on-screen QWERTY soft keyboard

Accessories
12V car charger, pole mount solution, carrying bag, vehicle cradle, desktop cradle, lanyard for stylus, ...

