

# ALGIZ 13

Rugged convertible notebook



handheld

## handheld

Handheld Europe AB • Göteborgsvägen 74

SE-433 63 Sävedalen • Sweden

Tel +46 31 26 83 00 • Fax +46 510 282 05

info@handheldeurope.com • www.handheldeurope.com

# ALGIZ 13

## Rugged convertible notebook

When there's work to be done in harsh environments where normal laptops are just not tough enough, send in the Algiz 13. This rugged but lightweight laptop provides the tough exterior an outdoor setting demands, along with the high-performance capability today's work requires.

The Algiz 13 is built with a strong magnesium casing for extra protection, and it meets IP54 and MIL-STD-810F military standards for accidental drops, dust and water. It also operates in temperatures ranging from -20 to 50 °C. On the inside, it features a powerful 1.06 GHz Intel Core 2 Duo Merom ULV processor and up to 4 GB of DDR II 667 industrial-grade RAM. The Algiz 13 includes a shock-mounted 120 GB (up to 160 GB) 2.5-inch hard drive with G-Sensor Protection and a 32 GB solid state is available as an option. The Algiz 13 runs either Windows XP Tablet PC edition or/ Windows Vista Business operating system.

Users can choose from a host of communication options when they're out in the field, given the Algiz 13's multiple integrated wireless capabilities. It offers up to four simultaneous radios modems, WLAN 802.11 a/b/g, Bluetooth and optional WAN/GPRS, and a fully integrated GPS receiver – providing highly reliable connectivity across the range of wireless networks. Designed for expansive radio frequency coverage, it features internal antennas, and the magnesium case provides RF shielding and extensive RF noise filtering.

The Algiz 13 has a full keyboard that is dust- and water-protected. The 13.3" XGA (1280x800) TFT display is readable even in sunlight and has a flexible convertible function. It comes with built-in resistive touch screen capability and an onscreen QWERTY soft keypad. The provided nine-cell (7800 mAh) Li-ion battery runs up to six hours.

The Algiz 13 offers multiple security features to protect users information and networks, including built-in TPM 1.2 Network Security Standard and fingerprint recognition, BIOS setup, Power-on, HDD, User Password Protection and Kensington Lock.

The Algiz 13 notebook is perfectly suited for a variety of vertical market applications, including law enforcement, military, homeland security, logistics, field service and warehousing.

[www.ruggedalgiz.com](http://www.ruggedalgiz.com)

<b>Size</b>	344 mm (13.54") x 253 mm (9.96") x 58 mm (2.28")
<b>Weight</b>	3.8 kg (8.38 lb)
<b>Environment</b>	
<i>Operating:</i>	-20 to 50 °C (-4 to 122 °F)
<i>Storage:</i>	-40 to 70 °C (-40 to 158 °F)
<i>Drop:</i>	MIL-STD-810F, 26 drops from 0.9 m (3 ft)
<i>Sand &amp; Dust:</i>	IP54
<i>Water:</i>	IP54
<i>Condensation:</i>	5% to 95% RH, non-condensing
<b>Processor/memory</b>	Intel Core 2 Duo Merom ULV 1.06 GHz CPU; Intel 965GM Integrated Graphics; 512 MB to 4 GB SDRAM
<b>Data Storage/Disk</b>	Shock-mounted 2.5" drive; 120 GB (up to 160 GB) with G-Sensor Protection and optional 32GB Solid State Disk
<b>Operating System</b>	Windows XP Tablet PC Edition, Windows Vista
<b>Screen</b>	13.3" WXGA, (1280x800) TFT with convertible function. Digitizer touchscreen and outdoor sunlight-readable LCD display optional
<b>Keyboard</b>	Waterproof keyboard, SAS key, screen rotation key, virtual keyboard, RF switch, brightness up/down, onscreen QWERTY soft keypad
<b>Battery</b>	Nine-cell (7800 mAh) Li-ion battery runs six hours. Charging time 2.5 hours to 80%
<b>Connections</b>	3 x USB 2.0 A port 1 x RS-232 port; 1 x DC-In 1 x Microphone, 1 x Earphone, 1 x Array Microphone 1 x Sim card (optional) 1 x RJ-11 1 x LAN RJ-45 1 x VGA/D-sub 15-pin for external monitor 1 x Docking connector 1 x PCMCIA supports Type I/II slot 1 x SD card slot
<b>Communication</b>	WLAN: Integrated 802.11a/b/g, Modem 56kps (V.92) PAN: Integrated Bluetooth EDR 2.1, Class II WAN: Optional integrated HSDPA/ GPRS/GSM/WCDMA Integrated GPS receiver
<b>Options</b>	<ul style="list-style-type: none"><li>• Docking station</li><li>• Vehicle mounting with port replicators</li></ul>

Handheld Europe AB is a European distributor of rugged PDA's and handheld computers, delivering solutions to businesses within; public transport, forestry, geodesy, construction, service & maintenance, military, transport & logistics on the EMEA market.

The company focus is, together with partners, to deliver complete mobile solutions to businesses in a EMEA perspective.

Handheld Europe is a subsidiary to Handheld Computer Specialists AB, a company specializing in rugged field computing solutions.

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