**ALGIZ 8X**

**PORTABLE AND POWERFUL FIELD COMPUTING**

The ultra-mobile Algiz® 8X rugged tablet combines powerful computing with ultimate reliability in the toughest environments. It offers fast processing power along with user-friendly features and design, maximizing your efficiency on long days in the field. The Algiz 8X is powered by a speedy Intel® Pentium® processor with plenty of RAM and storage.

**A compact, take-anywhere tablet**

The Algiz 8X's compact size makes it the perfect companion for today’s mobile field workers. It’s only 24 mm thick and weighs less than a kilo, including the powerhouse battery. Along with sleek design, the Algiz 8X offers snappy performance and can withstand harsh handling and tough outdoor and industrial environments, from mining to maintenance.

**Full ruggedness for the field user**

The Algiz 8X is IP65-rated and meets stringent MIL-STD-810G military standards for protection against dust, water, vibrations, drops, extreme temperatures and varying altitudes. It transitions seamlessly from the office to the field and back again, making field computing easy and keeping your information safe.

**A brilliant display in every environment**

With its bright, 8-inch capacitive touchscreen made of chemically strengthened glass, the Algiz 8X comes ready to display your work, indoors and out. It supports rain mode, glove mode and active pen mode for flexibility in challenging and changing conditions. And moving between work environments is no problem, thanks to an ambient light sensor that adjusts backlighting automatically.

**Feature-rich and field-ready**

The Algiz 8X facilitates easy data capture with a range of convenient features. It has front- and rear-facing cameras, plus a hot-swappable battery pack. An integrated u-blox® NEOM8N GPS/GLONASS receiver provides robust GIS capabilities. The rugged Algiz 8X pairs with other industry-specific technology via several port types, and multiple communications capabilities keep your team connected.

**Configure and accessorize the Algiz 8X to work for you**

Customizable options for Ethernet, serial (UART) or barcode reading allow the Algiz 8X to conform to your specific requirements. For developers, the Algiz 8X goes even farther — docking pins and a specialized “backpack” mean that your team can customize additional capabilities and proprietary creations. Vehicle cradles and mounts, multi-slot chargers and multiple carrying cases allow you to outfit your team for maximum efficiency.

With a full range of features and built rugged from the inside out, the powerful, compact Algiz 8X offers an ideal compact tablet solution at an excellent value for today’s field professionals.

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**Handheld Group AB**

Handheld Group AB is a worldwide supplier of rugged PDAs and mobile computers. Together with partners Handheld deliver complete mobility solutions to businesses in industries such as logistics, forestry, geodesy, public transportation, construction, service & maintenance, military and security. The Handheld Group of Sweden has subsidiaries in Sweden, Finland, the Netherlands, Italy, Germany, Switzerland, Australia, UK and the USA.

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**Specifications**

- **Screen:** 8” Capacitive Touchscreen with chemically strengthened glass.
  - 800+ Nits
  - Rain Mode and Glove mode
  - Supporting active pen
  - Resolution: 1280x800
- **Keypad:** Power, Touchscreen mode, Menu, Home, F1, F2
- **Battery:** Hot-swappable lithium-ion battery pack.
  - Standard: 5200 mAh (39.52 Wh), 7.6V
  - Extended: 10350 mAh (74.52 Wh), 7.2V
- **Connections:**
  - 1 x DC power port
  - 2 x USB Host 3.0 Type A
  - 1 x Micro HDMI
  - Micro SDXC
  - Micro SIM
- **Docking Connector:**
  - Charging
  - GPS antenna pass-through
  - WWAN antenna pass-through
  - Multipurpose docking connector
- **Expansion:** Interchangeable ports with following capabilities (all individual ports):
  - Dummy (Default)
  - LAN port
  - COM port (Serial, UART Only)
  - Barcode imager
- **Audio:**
  - Speaker: Integrated BT v4.2 LE
  - Cellular (WWAN):
    - 2G, 3G, 4G/LTE, Verizon LTE
    - Sierra EM7355 (NA. M.2 Type)
    - Sierra EM7306 (EU. M.2 Type)
    - Sierra EM7455 (Verizon. M.2 Type)
  - Wireless LAN:
    - 802.11 ac, a/b/g/n 2.4 GHz and 5 GHz
- **Camera:**
  - Rear facing: 8 megapixel with autofocus and LED flash. Front facing: 2 megapixel
- **Indicators:**
  - Power status
  - Battery/Charging status
  - SSD status
- **Sensors:**
  - Light sensor
- **Environment:**
  - **Operating:** -20 °C to 60 °C (-4 °F to 140 °F)
  - **Storage:** -40 °C to 70 °C (-40 °F to 158 °F)
  - **Drop:** 26 drops from 1.22 m (4 ft)
  - **Impact:** MIL-STD-810G, Method 516.6 Procedure IV
  - **Vibration:** MIL-STD-810G, Method 516.6 Procedures I & II
  - **Sand & Dust:** MIL-STD-810G, Method 501.5 Procedure I
  - **Water:** IP65, IEC 60529
  - **Humidity:** 0 – 95% (non-condensing)
  - **Altitude:** 4572 m (15,000 ft)
  - **Included Accessories:** Standard battery, ac-adapter
  - **Options:** Lockable Vehicle dock, Active pen, Carry case, Extended battery, Screen protector, Shoulder strap, Handstrap, Pole Mount, Desktop cradle