



Datasheet Algiz RT8

Ultra-rugged efficiency

V1.0, EN

Imagine doing the same work you do now, but doing it better. The Algiz RT8 is a unique 8-inch Android tablet computer built specifically to increase fieldwork efficiency. Work faster, with more focus and fewer interruptions. The Algiz RT8 is ultra-rugged, with a stunning screen, user-friendly design, a range of built-in tools and optional accessories, and even a suite of free mobile device management software. We'd say this tablet can do everything a consumer tablet can do, but that's not quite true — it can do much more.

All-terrain Android tablet

You can dock this tablet in your truck, but you don't have to leave it there. Holster it, pole-mount it, or swing it over your shoulder in a carry case and pick up your work right where you left off – even in bright sunlight or pouring rain. It can go wherever you go, thanks to an IP67 rating and MIL-STD-810G testing. The Algiz RT8 is tough enough to withstand repeated drops, extreme temperatures altitudes, humidity, water and dust exposure. Plus, you'll be able to work a full day thanks to long battery life and field-swappable spares.

Built-in data collection and communication

The Algiz RT8 shines when it comes to collecting and sharing all kinds of data. Snap a high-res photo and email it to a colleague, or wirelessly update your office database in real time. Work orders stay current and data stays safely stored, both on your device and in your preferred cloud system. Use this tablet's built-in u-blox GNSS receiver, gyroscope, compass and more, or attach your own tools, sensors and antennas. Stay wired through waterproof physical ports, connect via BT and NFC, or use the docking station which gives you extended I/O capabilities such as HDMI, Ethernet, and more.

An 8-inch multi-touch screen? That's brilliant.

Not all workspaces have four walls, so let us give you a visual: You, viewing and manipulating maps, images, charts, reports and spreadsheets directly from a super-portable tablet computer in the middle of your job site. Whether your "office" is a field, a forest, or a warehouse, the Algiz RT8 delivers bright, beautiful graphics on its 8-inch capacitive screen, designed with 10-point multi-touch and strengthened with Gorilla Glass. And if it's raining or is cold, the Algiz RT8 offers rain-mode and glove-mode.

Free mobile device management with Nordalp

Setting up new devices can be a hassle — especially if you're deploying more than one. The Nordalp's software suite make it easy to save your settings once, apply them across all your devices, and get to work. With Nordalp Manager, Staging, Kiosk Home and Kiosk Browser, it's easy to keep your Algiz RT8 tablet secure, focused and incredibly efficient.

Carry cases, docks and charging accessories

Sometimes, the difference between being able to do amazing things and actually doing them comes down to the right accessories. Keep your hands free, your work in sight, your batteries charged or your tools connected with a wide range of Nordalp accessories built specifically for the Algiz RT8 tablet.

nordalp
www.nordalp.com

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Dimensions

250 mm x 145 mm x 15 mm
(9.8" x 5.7" x 0.6")

Weight

635 g (22.4 oz)

Processor

Qualcomm®
Snapdragon 625 MSM8953,
8 cores 2.0 GHz

Graphics

Adreno 506

RAM and Storage

4 GB / 64 GB

Operating System

Android 11 (GMS)
Android Enterprise Recommended

Display

8" capacitive multi-touch (10 points)
1920×1200 pixel
Sunlight readable
Glove/rain mode
Corning® Gorilla® Glass

Buttons

Front

Power, F1, F2, F3, Volume up/down

Battery

3.8V 8200 mAh (31.16 Wh)
Field replaceable

Ports

Type-C, OTG
GNSS antenna connector
Docking connector supporting HDMI,
Ethernet, USB
Back connector for expandability
3.5mm headphone jack
1x micro SDXC (128 GB)
1x Nano-SIM

Communication

Cellular (WWAN)

2G (850,900,1800,1900)
3G (1,2,5,8)
4G/LTE (1,2,3,4,5,7,8,12,13,17,20,25,28,
38,39,40,41)

Wireless LAN

2.4GHz/5GHz
802.11a/b/g/n/ac

PAN

BT V4.1
Up to 150 m

NFC

13.56 MHz
ISO 14443A/B, ISO 15693

Audio

Rear-facing speaker
Microphone

Positioning

Dedicated u-blox GNSS receiver
GPS/GLONASS/Galileo/BeiDou/SBAS

Cameras

Rear

13 megapixel with autofocus and flash

Front

5 megapixel

Sensors

Gyroscope
Compass
Accelerometer
Pressure
Proximity
Ambient light

Environment

Operating

-20°C to 60°C (-4°F to 140°F)
MIL-STD-810G, Method 501.5/502.5
Procedure II

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
Procedures IV

Vibration

MIL-STD-810G, Method 514.6
Procedure I

Sand / Dust

IP67, IEC 60529

Water

IP67, IEC 60529

Humidity

0 ~ 95% (non-condensing)
MIL-STD-810G, Method 507.5
Procedure II

Altitude

4572 m (15,000 ft.)
MIL-STD-810G, Method 500.5
Procedures I & II

EMC/EMI

MIL-STD-461F: CE101, CE102, CS101,
CS114, CS115, CS116, RE101, RE102,
RS101, RS103

Options

For options and accessories, please
see www.nordalp.com/en/products/algiz-rt8



Scan for more



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