

INTRODUCING THE ALGIZ 8X

Portable and powerful field computing



ALGIZ 8X

Physical characteristics

Dimensions

- 225 x 147 x 24 mm (8.8" x 5.7" x 0.9")

Weight

- 990 grams (2.18 lbs)
- Including battery

Screen

- 8" Capacitive touchscreen, 1280x800
- 600+ Nits
- MaxView™ technology
- Rain mode and glove mode
- Supporting active pen
- Ambient light sensor



ALGIZ 8X

Performance

Processor

- Intel® Pentium® Processor N3710
- 2M Cache, up to 2.4 GHz

Memory

- 4 GB DDR3L RAM
- 128 GB SSD

Operating system

- Microsoft Windows 10 Enterprise CBB (64 bit)



ALGIZ 8X

Environment

Ingress protection

- IP65

MIL-STD-810G

- **Operating:** -20 °C to 60 °C (-4 °F to 140 °F)
- **Storage:** -40 °C to 70 °C (-40 °F to 158 °F)
- **Drops:** 26 drops from 1.22 m (4 ft.)



ALGIZ 8X

Power

Standard battery

- 5200 mAh (39.52Wh), 7.6V

Extended battery

- 10350 mAh (74.52Wh), 7.2V

Battery type

- Li-ion battery pack
- Hot-swappable





ALGIZ 8X

Communication

WWAN

- 2G, 3G, 4G/LTE
- Verizon LTE

WLAN

- 802.11ac a/b/g/n
- Dual band 2,4/5Ghz

ALGIZ 8X

Communication

Bluetooth

- Integrated Bluetooth v4.2 LE

Navigation

- Integrated u-Blox® Neo-M8N
- GPS/Glonass

Camera

- Rear facing: 8 megapixel with autofocus and LED flash
- Front facing: 2 megapixel





ALGIZ 8X

Keypad

Keys

- Power
- Touchscreen mode/lock
- Menu
- Home
- F1 (programmable)
- F2 (programmable)

Keyboard

- On-screen keyboard (QWERTY)

ALGIZ 8X

Connectivity

Connections

- 1 x DC power port
- 2 x USB Host 3.0 Type A
- 1 x Micro HDMI
- Micro SDXC
- Micro SIM

Docking connectors

- Charging
- GPS antenna pass-through
- WWAN antenna pass-through
- Multipurpose docking connectors





ALGIZ 8X

Expansion options

Interchangeable ports

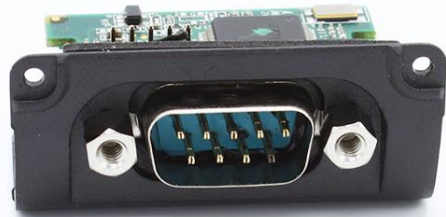
- Barcode imager
- LAN port
- RS232, RS422, RS485
- CAN bus

Backpacks

- Integrated USB PCB board and SMA antenna
- Long range Bluetooth, up to 300m



ACCESSORIES



ALGIZ 8X

Accessories

- Lockable vehicle dock
- Active pen
- Carry cases
- Extended battery
- Screen protector
- Hand strap
- Pole mount

- More options available online

