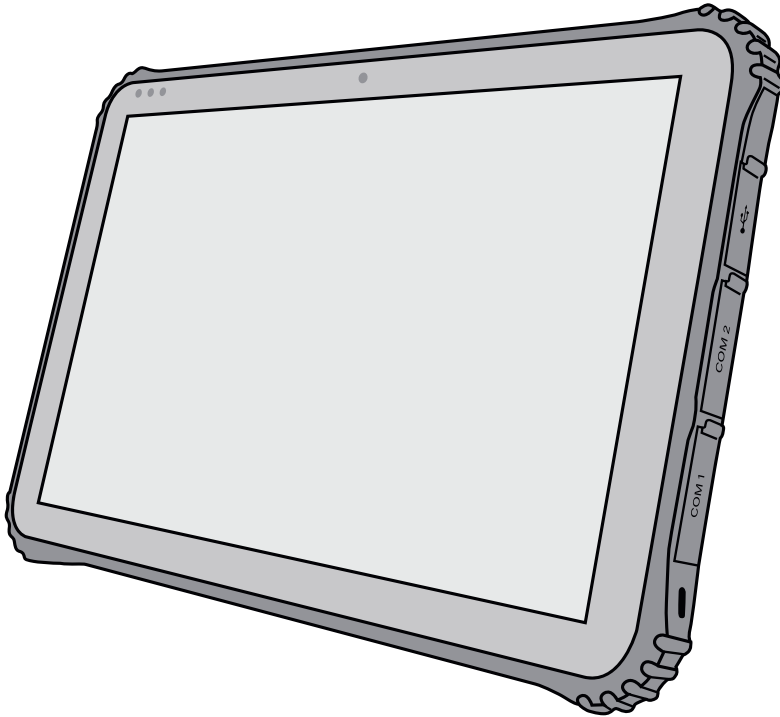


Scorpion 12S



For more information about the product and a detailed description, please visit:
<https://www.scorpion-rugged.de/en/products/scorpion-12/>

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Industriestrasse 51
82194 Grobenzell
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E-mail: scorpion@bressner.de

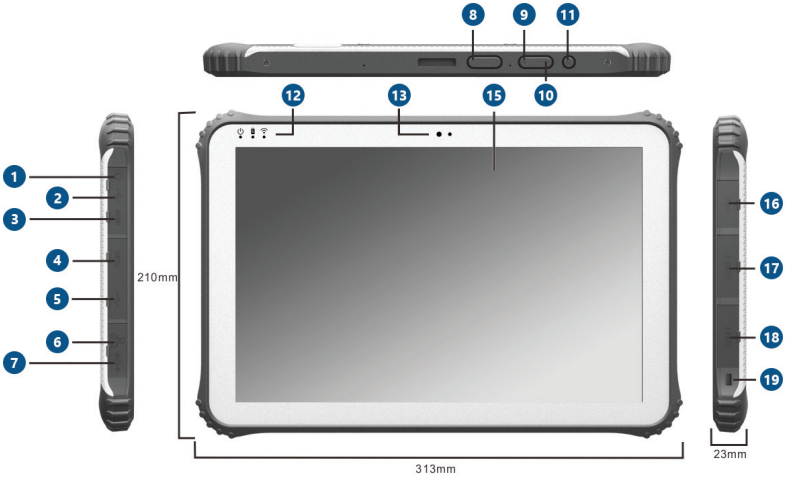
SCOPE OF DELIVERY

This package includes:

1. SCORPION 12" - Rugged Tablet
2. 12V/4A power adapter with 2-pol EU cable
3. Foldable stand (incl. screws)
4. Carrying strap
5. Plastic lever
6. Hand strap

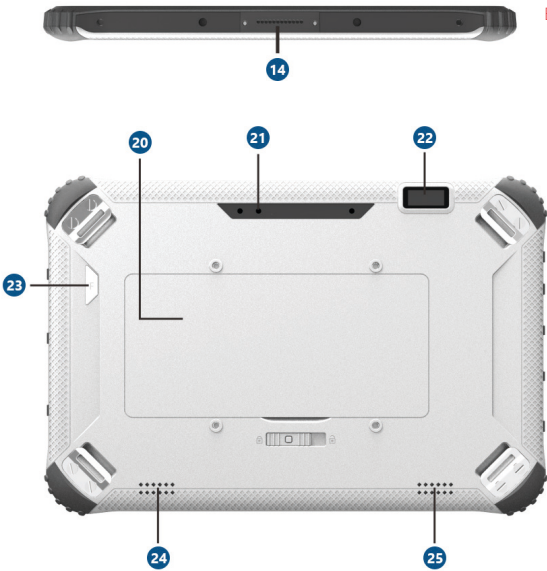


FEATURES



COM 2	
Pin	RS-485
1	B
2	A
3	NC
4	NC
5	A-GND
6	NC
7	NC
8	NC
9	NC

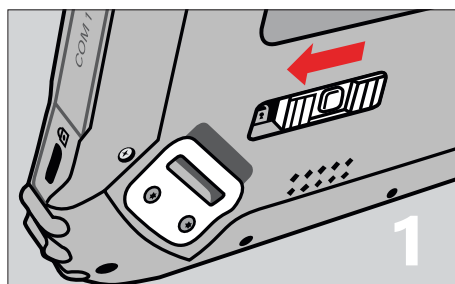
A = Driver Output / Receiver Output, Non-Inverting (D-)
B = Driver Output / Receiver Output, Non-Inverting (D+)



- 1. Audio-Out 3,5mm
- 2. USB Type C
- 3. Mini-HDMI
- 4. USB 3.0
- 5. USB 2.0
- 6. LAN
- 7. DC input
- 8. Programmable buttons P1/P2
- 9. Volume +
- 10. Volume -
- 11. Power On/Off
- 12. Status LEDs: (power/charge indicator/WLAN)
- 13. 2MP front camera
- 14. Docking port
- 15. Corning® Gorilla® Glass
- 16. USB 2.0
- 17. DB-9 serial COM 2: RS-485 fixed (Pin1: D+ / Pin2: D- / Pin5: GND)
- 18. DB-9 serial COM 1: RS-232 fixed (standard)
- 19. Kensington lock
- 20. Replaceable battery (SIM and SD card slots are located below the battery)
- 21. 5MP rear camera
- 22. Barcode scanner (optional)
- 23. Scan button F
- 24. Right speaker
- 25. Left speaker

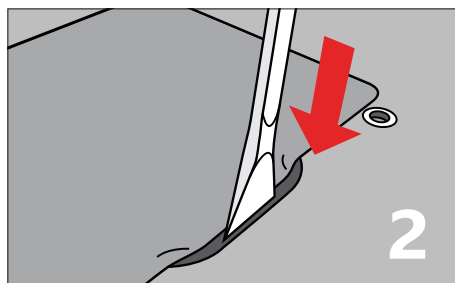
BATTERY REMOVAL

Please follow the instructions, when removing battery!



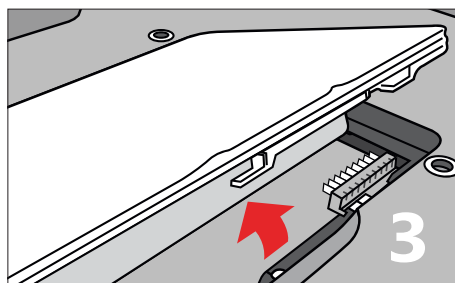
Step 1

First release the battery cover lock by moving the slider on the back of the tablet to the left.



Step 2

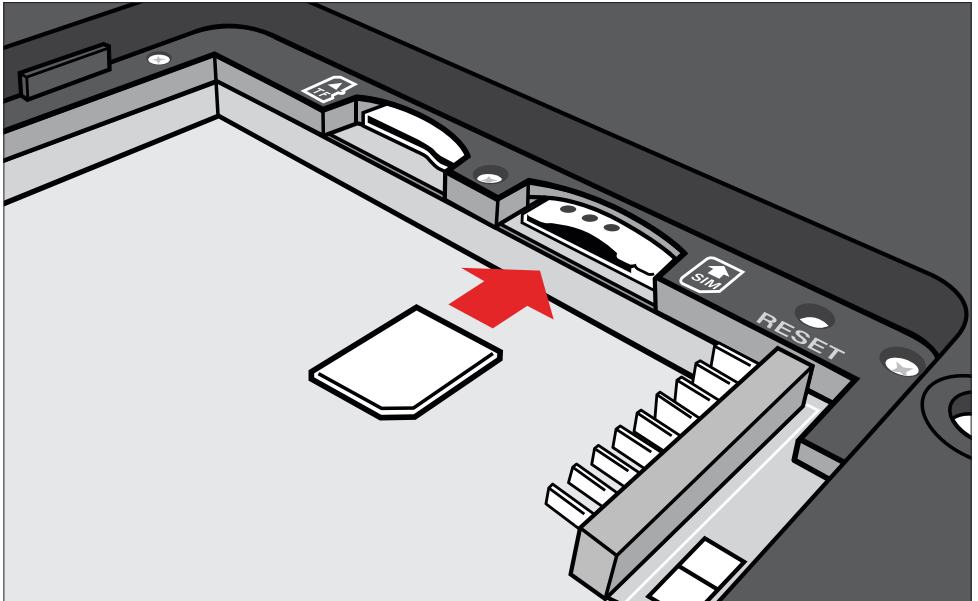
Take the enclosed plastic lever and carefully lift the battery out of the battery compartment (see illustration).



Step 3

Carefully lift out the battery, insert a replacement battery, and reverse the steps to close and reseal the tablet.

How to insert the SIM card correctly:



In order to reach the SIM card slot the device's battery must be removed first (please follow the instructions on the left side). After removing the battery, insert the micro SIM card into its designated slot (see illustration), until it locks in. Please make sure that the gold contacts of the SIM card are on the bottom side. Afterwards repeat step 1 to 3 on the left side in reverse order to reseal the device properly.

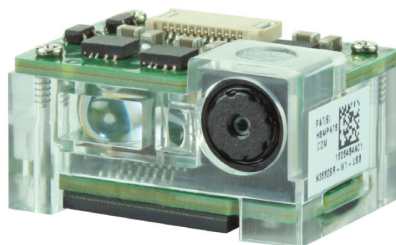
SCANNER SETUP

Honeywell 2D scanner N3680 (optional)

Technical Details

The N3680 barcode scan engine is a revolutionary, fully decoded, compact 2D imager from Honeywell. It inherits the legendary Adaptus™ 6.0 decoding performance in our most compact design. The N3680 2D imager represents a fine balance between size, performance and ease of integration – ensuring an excellent end-user experience.

Not only does the N3680 2D imager support a wide variety of symbologies, including 1D, 2D and PDF417 barcodes, it also includes advanced features that support reading poorly printed barcodes and can even read barcodes directly from smartphone screens. This makes the N3680 2D imager a perfect choice for reading mobile coupons and loyalty cards, mobile ticketing, paperless boarding passes and barcode payment systems for mobile wallet applications.



Operation and configuration of the scanner

The user manual for the Honeywell scanner series N36XX provides a lot of information about the functionality and configuration of the scanner module. Use the included programming codes to transfer the desired configuration settings to the scanner. These programming codes can be scanned directly from the User's Guide. To do this, follow the instructions in each chapter. At the end of the manual you will also find a "Programming Chart" with the numbers 0-9 to be able to scan sequences of numbers if required. Attention - The configuration data is stored directly in the scanner module and not in the operating system. Consequently, you can use this type of scanner programming regardless of the installed operating system.

Examples of typical configuration settings:

Setting the language of the keyboard layout, activating/deactivating code types, configuring prefixes and suffixes, activating inverse codes, adjusting the position and size of the scanned section, loading factory defaults, etc.

EZConfig for Windows

For extensive and complex configurations please install the utility "EZConfig" from Honeywell. This utility is a browser-based interface for reading, editing and restoring scanner configuration data. It also allows you to save a complete configuration as a file (*.exm). This can then be transferred to the scanner of another device via EZConfig. Android devices, on the other hand, have a pre-installed scanner app for setting up the most frequently used scanner configurations.

If you still need help setting up the scanner please contact our support: **+49 8142 47284 - 44**



Datasheet

<http://bit.ly/n3680-datasheet-en>



User's Guide

<http://bit.ly/n36xx-user-guide-rev-b>



EZConfig - Setup

<http://bit.ly/ezconfig-setup>



EZConfig - Tutorial

<http://bit.ly/ezconfig-tutorial>

Frequently asked questions

What should I do if the device or the scope of delivery does not meet my order or if individual components / accessories are missing?

If you find that your order is incomplete or even faulty, our in-house support department will gladly attend to you. If you need help or assistance, please fill out the support form on our website to open a support case:

<https://www.bressner.de/en/support-en/>

Alternatively, the form can also be completed as a PDF file and faxed to the following number: **+49 8142 47284-78**

You can also contact our technical support on weekdays from 8AM - 5PM by phone: **+49 8142 47284 - 44**

What do I do if the device or individual components / accessories are defective?

In case of a defect in equipment, individual components or the accessories supplied, a return shipment or repair can be arranged. BRESSNER Technology provides its own RMA form for this purpose. Please read the instructions on our website regarding the RMA procedure carefully before filling out the form and returning it.

You can find the form on our website at: <https://www.bressner.de/en/rma/>

You can also contact our RMA department on weekdays from 8AM - 5PM by phone: **+49 8142 47284 - 24**

Where do I find my Windows license key / license sticker?

For systems with replaceable batteries, the sticker with the license key is located in the battery compartment. For systems with a permanently installed battery, the sticker is on the back of the device. In special cases there may be no license sticker at all, in which case the license key is rooted in the BIOS (OEM 3.0 activation).

I only see a small sticker, but not the license key?

In this case it is the ePKEA version of the license sticker, which means the Bressner OEM product key is integrated into the image. The key itself is not visible to the user (in plain text).

The Windows setup (OOBE) asks for a license key. How can I activate Windows?

Please skip this step without entering a key, the Windows product key was already stored by us in the installation. When the OOBE is completed and an internet connection is established for the first time, Windows 10 activates automatically within a few minutes.

Important information about Windows 10 IoT Enterprise LTSC 2016 (V1607) / LTSC 2019 (V1809)

Please read and observe the following instructions concerning the operating system(s):

- The LTSC / LTSC versions deliberately do not receive any feature updates, the original versions are always retained.
 - Avoidance of lengthy update processes, faulty updates or incompatibilities with new versions
 - Secure operation, since security updates and patches are performed via Windows update or manual installation
 - Software update from LTSC/LTSC to standard Win10 version not possible (only by new installation with new licensing)
- 10 years guaranteed support by Microsoft from date of introduction
- Full driver and software compatibility (except UWP apps) with all popular Windows 10 versions (Home/Pro/Enterprise)
- Domain integration possible
- Slim basic installation without superfluous add-ons
- Systems can be used worldwide (special regulations of different countries do not apply to IoT Embedded Licensing)
- Low-cost licensing model in three price levels, depending on processor performance (Entry, Value, High-End)
- **ATTENTION:** The LTSC/LTSC versions deliberately do not contain a Microsoft Store and the installation of Microsoft (UWP) apps is not possible. The only exception is the Microsoft CameraApp, which was preinstalled on the device by Bressner Technology in order to be able to use the camera(s). Windows 10-compatible programs, on the other hand, can be installed with no issue (examples for browsers: Microsoft Edge Browser, IE11, Firefox, Chrome, Opera, etc.)
- Systems with IoT Embedded Licensing are not covered by support contracts with Microsoft (Enterprise Licensing)

SAFETY INSTRUCTIONS

Please read and observe carefully before using!



Environment:

Protect the device from temperatures outside the specified range. The device is protected against spray water but must not be submerged in water or be exposed to water jets. Do not expose the unit to strong magnetic fields or strong static electricity. Once water or liquid has entered the unit, turn it off and do not use until it is dried. Have it checked by a qualified specialist.



Safety in operation:

Do not drop the device. Do not bend or twist it. This may result in a breakage of the display glass or of circuit boards and mechanical parts. To avoid hearing damage, listen to music via headphones at a moderate volume and never place the speaker outputs directly in front of your ear. Keep packaging materials and small parts away from children. There is a danger of suffocation. Never open the case of the appliance or the charger (risk of electric shock, short-circuit and fire). Do not put objects through slots or openings on the appliance or charger (risk of electric shock, short circuit, and fire). Do not attempt to open the unit, the unit may be destroyed and you will lose warranty.



Cleaning:

Never clean the surface of the appliance with solvents, detergents or other chemical products. Use a soft, dry cloth instead.



Power supply:

Always use the original charger or one with suitable current and voltage rating to prevent damage to the device. If you use an universal charger, consider the polarity of the charger as well as the current and the voltage rating. Do not unplug the charger from the wall outlet by pulling the cable. Do not use chargers with damaged cables or plugs.



Disposal:

Dispose used electronic equipment at the appropriate collection points. Please note that your device has a battery and therefore it must not be disposed with normal household waste. Please consult your local or municipal authorities for the correct disposal route of your device and battery.



Battery:

Batteries are wearing parts whose life cycle depends on handling.

Please also note the following:

- Fully charge the battery every six months
- Avoid exposing the device or the battery to excessive heat
- Do not expose the battery to mechanical stress
- Do not damage batteries with sharp or pointed objects
- Do not throw batteries into fire - they may explode
- Do not pour any liquids over the battery
- Avoid short-circuiting the battery, as it may result in overheating and ignition of the battery
- If liquid leaks from the battery and comes into contact with the eyes or skin, rinse immediately with clear water and seek medical advice
- Incorrect replacement of the battery may result in a risk of explosion
- Replace battery only by the same or an equivalent type recommended by the manufacturer
- Please do not dispose used batteries with household waste. Use the service of specialist shops that carry out the exchange.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21 Information to the user.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 15.105 Information for the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connecting the equipment to a socket on a circuit different from that to which the receiver is connected.
- Contact with the provider or a radio f TV technician for help.

Specific absorption rate (SAR):

This Tablet PC meets the government's requirements for exposure to radio waves. The guidelines are based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a margin of safety designed to ensure the safety of all people regardless of their age or health.

The FCC Statement of Exposure to RF and the SAR limit for the United States (FCC) is 1.6 W/kg average for each gram of tissue. This device was tested for typical operations of use on the body, with the back of the Tablet PC at 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a distance of 0mm between the user's body and the back of the Tablet PC. The use of belt clips, covers and similar accessories must not contain metallic components in their assembly. The use of accessories that do not meet these requirements may not meet FCC RF exposure requirements and should be avoided.

Functioning in the body

This device was tested for typical operations of use in the body. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the telephone, including the antenna. Third-party accessories such as belt clips, covers and similar accessories used with this device should not contain metallic components, accessories that do not meet these RF exposure requirements and should be avoided from use on the body. Use only the supplied antenna or an approved antenna.