4G LTE

NFC

2D(CMOS)

RFID UHF

Senter S917 H v.17 - Waterproof Industrial Tablet for production with Android 8.1, NFC, UHF RFID 3m radio scanner and Honeywell N3680 2D barcode (QR) reader
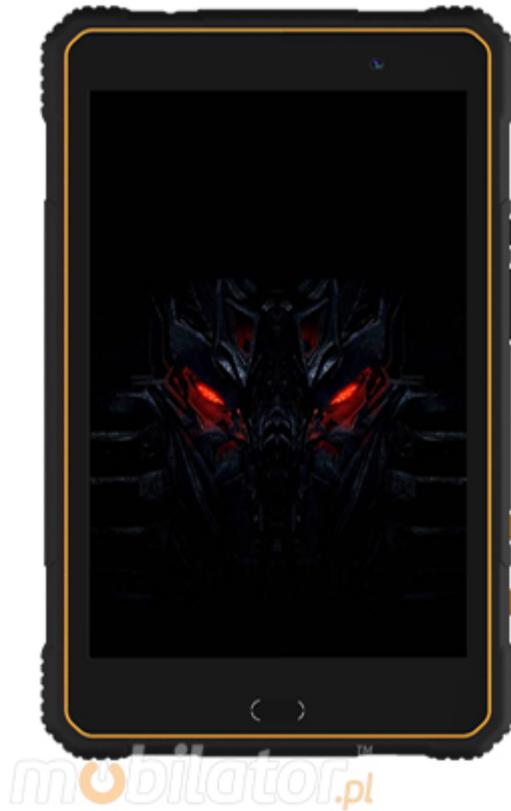
Category:	UMPC - Ruggedized
Manufacturer:	Senter
Operating System:	Android 8.1
Display:	8" (1920 x 1200) IPS
Brightness:	400 nits
Processor:	Qualcomm SD636 (8x1.8GHz)
Memory:	**4GB**
Hard Drive:	**64GB SSD**
Flash Memory:	---
Touch screen:	Capacitive
Durability:	IP65
Drop:	1,2m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating temperature: -20°C -- 55°CStorage temperature: -40°C -- 60°C
Humidity:	5% -- 95%
1D barcode scanner (reader):	Option

2D barcode scanner (reader):	**2D Honeywell N3680**
RFID scanner (reader):	**NFC** Reading distance: 20mm ~ 40mm **RFID UHF (865-868MHZ, 3m)**
Other:	-----
Battery:	3,8V 6000mAh Lithium
Working time on battery:	8h
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	802.11a/b/g/n/ac (2.4G and 5G bands)
Bluetooth:	Bluetooth 4.0
WAN:	4G LTE: LTEB1/B3/B5/B7/B8/B20/B26/B34/B38/B39/B40/B41 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8 TD-SDMA: 34/39 CDMA 1X/EVDO:BC0
GPS:	Yes
Camera:	Rear (13MPX) + FlashFront (5PMX)
In/Out:	Micro USB (OTG) | Audio 3.5mm
Optional accessories:	Hand StrapOTG Line Wall mount VESACar holder Vehicle charger 12V
Docking station connector:	Yes
VESA standard – holders and mounts support:	Yes
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	Adreno 508
Chipset:	-----
BIOS:	-----
Casing material:	Plastic + Rubber
Flash Card Reader:	micro SD (max. 128 GB)
CD/DVD:	-----

Audio:	Built-in microphone and speaker
Keyboard:	Onscreen + Function buttons
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	IP65
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	229.4mm x 136.2mm x 11.5mm - 510g
Fanless casing:	Yes
Weight:	510g

4 003,65 zł
net price: 3 255,00 zł

SENTER®
ST 917

IP65
dustproof and waterpoof

SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

Senter ST917 is a modern, waterproof industrial tablet designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP65, which confirms the protection of the device against

dust and water. Like the military equipment, the tablet has the MIL-STD 810 military standard.

SPECIFICATION

Senter ST917	
Processor	Qualcomm SD636 (8x1.8GHz)
Graphics	Adreno 508
Operating system	Android 8.1
RAM	4GB
Hard drive	64GB SSD
Display	8", 1920 x 1200 IPS
Touch screen	Capacitive
Battery	3.8V/6000mAh
Camera	5Mpx Przód	13Mpx Tył + Flash
Protection	IP65	1.2m. drops
Communication	4G	Bluetooth	GSM	Wi-Fi	GPS
Connectors	Micro USB(OTG)	Audio
Memory card	Micro SD (max. 128 GB)
SIM card	SIM
RFID Reader	UHF (3m)
NFC	YES
1D Scanner	Option *

Senter ST917

2D Scanner	2D Honeywell N3680

> (i) Detailed specification of the device is available in the tab "Technical data ".

Dustproof industrial tablet Senter ST917 was equipped with high performance, energy-efficient Qualcomm processor. Inside, there are eight cores that allow for more efficient processing of multiple tasks simultaneously. Shared caching, which uses a multi-level hierarchy, is dynamically allocated to each processor core according to the load. This reduces the average access time to main memory. Enhanced graphics card technology lets you enjoy full HD video and movies. Low power consumption guarantees long battery life.

Ergonomic design

Senter ST917 industrial tablet is designed for resistance and convenience. The sleek and rugged 11.5mm thick design and stylish case will make the tablet very well suited for industrial use and more. The unique size has been carefully thought out to make the device more comfortable and ergonomic. The non-slip casing makes it safe and secure to hold it in your hand, and the rubber corners further protect your device against possible damage as a result of falls.
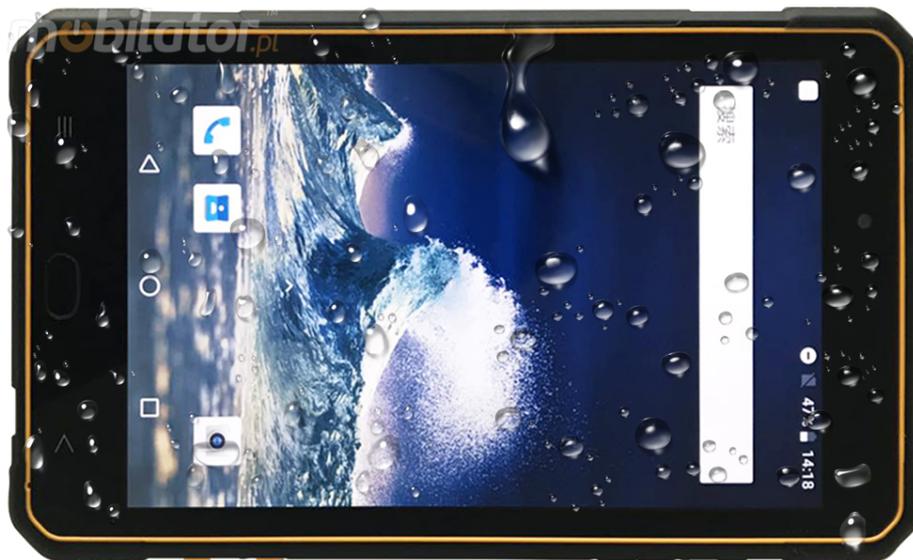
Dimensions	229.4mm x 136.2mm x 11.5mm
Weight	510g

Capacitive screen

With the capacitive screen, the reaction of the device is not to directly press the screen, but to change the electrostatic field at the point where the device is touched. This allows for much more precise handling and gentle brushes on the screen. In addition, we can use multitouch technology, the ability to control our tablet with a few fingers at once.

RESISTANCE

IP65 Protection

The IP standard defines the degree of protection provided by the enclosure of an electrical device against such factors as: access to dangerous parts inside the enclosure, penetration of foreign matter, splashing or immersion.

IP6X	No ingress of dust, complete protection against contact. A vacuum must be applied. Test duration of up to 8 hours based on air flow.
IPX5	Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects.

MIL-STD 810 Standard

The MIL-STD-810 is a strict military standard used in the United States Army. It determines the immunity of the equipment to severe environmental and weather conditions such as extreme low and high temperatures, temperature

changes, rain or dust, as well as various accidents (shocks, floods, high altitude falls, etc.). Although the MIL-STD-810 is mainly used for military equipment, it is often used by private companies that produce equipment that requires unmatched durability.

1.2m drop resistance

Specially designed construction gives the machine a chance of accidental falls from up to 1.2 meters in operating mode, even on hard surfaces. In addition, the tablet screen is protected by specially tempered glass Gorilla Glass.

Extreme temperatures

Senter ST917 is suitable for continuous operation in both low and high temperatures in the range of -20 ° C to 55 ° C. When the device is off, it can handle temperatures ranging from -40 ° C to 60 ° C. In addition, the rugged industrial tablet performs well in rooms with increased humidity, ensuring proper operation even with 95% relative humidity.

Working Temp.	-20°C to 55°C
Storage Temp.	-40°C do 60°C
Humidity	5% do 95%

WIRELESS COMMUNICATION

GPS Navigation

Waterproof tablet Senter ST917 is equipped with a professional GPS module combining low power consumption with high accuracy. Navigation is fast and smooth, allowing you to easily and easily reach any destination.

Bluetooth 4.0

Bluetooth enables wireless short-range communication between various electronic devices, such as the keyboard, computer, laptop, palmtop, mobile phone and many others. In the fourth version of this standard, energy consumption was reduced considerably, at the expense of lower transfer costs, and real operating coverage increased.

Wi-Fi network

Dual-band Wi-Fi provides fast network access wherever you can connect to secured or open Wi-Fi networks. This is a convenient solution for people who have a work or residence router and a wireless network that can be used at no extra cost. The shock-resistant industrial tablet, is equipped with the latest 802.11ac technology, which allows file transfer speeds up to 1 Gb/s.

Standards	802.11(a/b/g/n/ac)
Frequencies	2.4GHz and 5GHz

FUNCTIONALITY

Barcode Scanner 2D

Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 2D barcode reader allows you to read, decode and send to your data stored in the bar code.With dynamic scanning capabilities Senter ST917 quickly and accurately retrieves the data, which helps to increase the rate and efficiency. You can jump-start a whole because with simplified installation procedure and intuitive, comfortable design to prepare the scanner to work is very easy.

1D	1D / 2D
Honeywell N4313 *	Newlands EM3096 (CMOS) *
Zebra EM1350 *	Honeywell N3680 (CMOS)
	Zebra SE2100 (CMOS) *

* Optional equipment, available on specific versions only.

RFID UHF (3m)

RFID technology has aroused great worldwide interest. Is expected to solve many of the problems with fast and faultless identification of people and equipment. Its development is more turbulent than gradually Introduced barcodes. RFID technology is cheap, reliable and versatile. RFID (Radio-Frequency Identification) is a technology used to identify objects and flow control products.

Type	RFID UHF
Frequency	865-868 MHz
Standard	ISO 18000-6C

NFC

Near Field Communication - a short-range, high-frequency, radio communication standard that allows for wireless data exchange at a distance of up to several centimeters. The technology is a simple extension of ISO / IEC 14443 that combines the smart card interface and reader in one device. NFC devices can communicate with both existing devices in the ISO / IEC 14443 standard, as well as with other NFC devices, and thus are compatible with the existing and already in use public transport and payment infrastructure. NFC present in the device supports ISO / IEC 14443A / B and ISO15693 protocols. Working distance is 2-4 cm.

If you use a scanner or RFID UHF reader device is equipped with a special appetizer, which ensures the smooth operation devices.

Fingerprint security feature makes our Tablet Becomes even more personal, Allows you to secure the device fingerprint. This is possible through the use of a small fingerprint scanner. Solutions of this kind are very effective at securing devices containing important data and confidential and also allow for easy and quick log-in to the system. It is an ideal solution for business use, when we need to Effectively protect your data.

APPLICATION

Trade and Services

Thanks to their size and light weight, tablet are a useful tool for sales representatives. Today's applications running under the tablet system enable even entering the tablets contractor database, which allows us to later search for it quickly by name or NIP number. We can do the same with our commodity base, which can work in parallel with the database of contractors. Additional use of tablets in the trade, such as sending orders or invoices directly to the company through the GSM network or Wi-Fi.

Industry and Construction

Industrial tablets are characterized by high resistance to adverse working conditions. Tightness, dust and water resistance of enclosures, certified by IP (dust and water resistance standards) and often MIL-STD military standard, can withstand even the harshest conditions in industrial infrastructure or on the construction site. With appropriate applications, tablets can be used for control and control of various industrial processes, as well as for data collection and analysis.

Warehouse

An industrial data sheet is the ideal solution for quick stocktaking. In addition,

depending on the software used, it streamlines the process of entering and delivering goods into the warehouse, enables price control and dispensing, helps to collect and order orders, and identifies customers and servicing the rental. The advantages of using tablets are undoubtedly: time savings, customer satisfaction thanks to the correct price and speed of operation.

AVAILABLE VERSIONS AND ACCESSORIES

The   industry-leading Senter ST917 tablet is available in several versions to suit different needs. By clicking on the hardware configuration number you will be redirected to the product with the parameters given in the table below. In addition, on request, you can create a configuration not currently available in the offer.

> (i) More pictures available in the "Gallery " tab.

	v.1	v.3	v.4	v.5	v.6	v.7
RFID UHF 3m	–	+	–	–	–	–
1D Honeywell N4313	–	–	+	–	–	–
1D Zebra EM1350	–	–	–	+	–	–
2D Newlands EM3096	–	–	–	–	+	–

	v.8	v.14	v.15	v.16	v.17	v.18
2D Honeywell N3680	−	−	−	−	−	+
2D Zebra SE2100	−	−	−	−	−	−
RFID UHF 3m	−	+	+	+	+	+
1D Honeywell N4313	−	+	−	−	−	−
1D Zebra EM1350	−	−	+	−	−	−
2D Newlands EM3096	−	−	−	+	−	−
2D Honeywell N3680	−	−	−	−	+	−
2D Zebra SE2100	+	−	−	−	−	+