

HST-311B

7" Fully Rugged Windows Tablet

Strict Security with Exceptional Performance



- ◆ Capacitive multi-touch with Gorilla Glass
- ◆ 850 nits, Optical Bonding with AR/AF sunlight readable solution
- ◆ IP65, MIL-STD-810G, 5 feet drop resistance
- ◆ NFC, GNSS, WLAN, WWAN, Bluetooth
- ◆ Hot swappable battery design
- ◆ Optional fingerprint and MRZ reader
- ◆ Optional Janus USB Ignition Key, Phoenix SecureWipe for security

I/O Diagram



Specifications

Operating System (option)

- Windows 10 IoT Enterprise for Small Tablet
- Window Embedded 8.1 Industry Pro for Tablet

CPU

- Intel® Celeron® N2930, 1.83GHz

Storage & Memory

- DDR3L 4GB RAM memory, optional 8GB
- 128GB/256GB, optional 128GB FIPS 140-2 Level II SSD

Display

- 7-inch WSVGA (1024 x 600)
- Multiple capacitive touch with Gorilla glass
- 850 nits, Optical Bonding with AR/AF solution

Communications

- NFC
- Wi-Fi 802.11 a/b/g/n/ac
- Bluetooth V4.0 + EDR
- Optional 4G LTE
- GNSS (GPS, GLONASS, optional BeiDou)

Camera

- 2MP front camera
- 8MP rear camera, AF with LED flash

Expansion

- Optional MRZ reader+ MSR 2-in-1 module
- Optional 2D barcode reader + MSR 2-in-1 module

Security

- TPM 2.0
- Optional fingerprint reader (capacitive type, 508 dpi)
- Optional Janus USB Ignition Key, Phoenix SecureWipe

Control Button

- Programmable button x 4
- Power, menu, Windows button

LED Indicator

- Power on/off
- Wi-Fi on/off
- Storage

Sensor

- Gyroscope, G-sensor, E-compass, light sensor

Power Adapter

- AC 100V~240V, 50~60Hz Input; 19VDC x 3.42A, 65W

Battery

- Standard : 2900mAh, 7.5V
- Extended : 4200mAh, 7.4V, hot swappable (option)

I/O Interface

- USB 3.0 type A x 2
- Ethernet (RJ-45, 10/100/1000) x 1
- RS-232 x 1
- Micro SD slot x 1, Micro SIM slot x 1
- Audio jack x 1
- Speaker & microphone
- 12-pin docking connector x 1
- DC-in x 1

Rugged Features

- IP65, MIL-STD-810G shock & vibration resistant, 5 feet drop

Environment

- Operating temperature -20°C to 50°C
- Storage temperature -30°C to 70°C
- Humidity 5%~95%

Dimensions & Weight

- 22.5 x 16.8 x 2.7 cm (8.9" x 6.6" x 1.1")
- 0.95 kg (2.09lbs)

Software

- DashON

IN-box Accessories

- Stylus
- Hand strap
- Shoulder strap
- Handle
- Power adapter

Accessories



Vehicle Dock



Desktop Dock



VESA Mount
Bracket



MRZ reader
+ MSR



Barcode reader
+ MSR



Extended Battery



Battery Charger