



FEATURES

- INTEL® CORE I5/I7 PROCESSORS; HIGH PERFORMANCE WITH LOW POWER CONSUMPTION
- MICROSOFT® WINDOWS® 7 PROFESSIONAL OR WINDOWS® 10 IOT ENTERPRISE
- 11.6" LED-BACKLIGHT SCREEN WITH CAPACITIVE MULTI-TOUCH; HIGH BRIGHTNESS SCREEN OPTION
- FULL HD DISPLAY, 1920 x 1080
- BLUETOOTH 4.0 LE AND WI-FI 802.11AC
- BUILT TO SATISFY MIL-STD-810G AND MIL-STD-461F
- HERO (HAZARD OF ELECTROMAGNETIC RADIATION TO ORDNANCE) CERTIFIED
- NIST (NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY) COMPLIANT

MAJOR OPTIONS

- 2D BARCODE SCANNER; READS 1D ALSO
- 5 MEGAPIXEL FRONT CAMERA
- NFC/RFID READER; HF/RFID 13.56MHZ READER (ISO 15693 AND 14443 A COMPLIANT)
- GNSS MODULE; U-BLOX M8 GNSS MODULE WITH CONCURRENT RECEPTION OF GPS AND GLONASS. INDUSTRY LEADING -167DBM NAVIGATION SENSITIVITY.
- MOBILE BROADBAND; 4G LTE/AWS MODULE

ST311T Rugged Tablet

The ST311T Rugged Tablet features the integration of a brilliant 11.6" capacitive touch screen and a high performance, energy-efficient Intel® 6th Generation Core™ i5 or i7 series processor within a slim, lightweight, durable package.

With built-in rear camera, smart card/CAC reader, Wi-Fi and Bluetooth modules as well as options for NFC/RFID reader, barcode scanner and 4G connection, this robust tablet offers seamless information capture and transmission for improved workflow.

Rated IP65 and MIL-STD-810G certified with wide temperature range, the ST311T Rugged Tablet provides reliable operation in harsh, mission-critical environments.



ACCESSORIES

Desktop Cradle

Docking support with ports for two DisplayPort outputs (support up to 4K UHD resolution), USB, Ethernet and power. Power supply not included.



Battery Gang Charger

Simultaneously charge 6 external batteries.



5-Bay Cabinet Charger

Multi-bay charger, capable of charging up to five DT301S tablets simultaneously. With an internal fan for system cooling and the simple locking connection for the tablets, the GC500 Charging Cabinet provides convenient charging and storage with a single wall plug solution.



Wall/Vehicle Mount Cradle

This wall/vehicle mount cradle offers secure Tablet mounting and charging with power, Ethernet pass-through, and two USB ports. Power input may be through (19V) cylindrical plug or (12V-24V) pluggable terminal block (Phoenix connectors). Power supply is not included.



Automobile Power Adapter by LIND

Output voltage 65W/ 19V. Input: 11-16V DC.



Carrying Case

Open-to-use design with foldable tabletop stand. Made of 1680 denier nylon fibre with water-repellent coating



Carrying Portfolio and Carrying Case

The water-repellent and form-fitting Carrying Portfolio and Carrying Case giving added protection and secure portability to the ST311 series Rugged Tablets from scratches, bumps, and drops.



Battery Charger Kit with AC Adapter and Power cord

Recharges battery pack "offline" without affecting tablet use.



Digital Pen

Dimension: 9.7mm x 140.7mm; Weight: <25g. Battery: 1AAAA.



Plastic Tablet Handstrap

Designed for secure handling and easy cleaning.



Shoulder Strap for Tablets

Padded for comfort, provides convenient mobile operation, strap is adjustable and can be attached to the Rubber Grips.



Keyboard Tray and Keyboard

A combo set of a keyboard tray and a USB keyboard for use with the Wall/Vehicle-Mount Cradle (the cradle is not included).



Detachable Keyboard

Designed to connect to the tablet without switching and pairing, ideal for 2-in-1 application



SPECIFICATION

System	
Processor	Intel® 6th Generation Core™ i5 (i5-6300U) or i7 (i7-6600U) processor
RAM	DDR3L 1333MHz (max. 8G)
Storage	128GB to 1TB Flash
Operating System	Microsoft® Windows® 7 Professional or Windows® 10 IoT Enterprise
Display	11.6" LED-backlight screen with capacitive multi-touch
Resolution	1920 x 1200
Network Interface	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band; Bluetooth 4.0 LE
NIST Compliant	Yes
Fan	Fanless
Control Switch and Button	1 power button, 3 programmable buttons1 and RF switch
Indicator	1 power/ battery status LED
Microphone	Built-in microphone with DSP real-time video
Speaker	Built-in speaker
Camera	5 megapixel back camera with auto focus, white balance, gain control, exposure control, and lens cover
I/O Ports	
USB	1x USB3.0
Audio Jack	1 35mm
DC in	1
Smart Card/CAC	Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
SD Slot	Full size SD card slot
Mechanical and Environmental	
Power Adapter	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery pack	Hot swappable battery, 11.4V, 5400mAh Hot swappable battery, 11.4V, 8000mAh (optional)
Enclosure	ABS + PC plastics and magnesium-aluminium alloy
Protective Bumpers	Rubber bumpers on each corner for handling protection
Dimensions	8.3 x 12.4 x 0.86 in/ 212 x 316 x 21.9 mm
Weight	3.5 lbs/ 1.6 kg
Vibration & Shock Resistance	MIL-STD-810G
EMI & EMC Tolerance	MIL-STD-461F
Water and Dust Resistance	IP65
Regulatory	FCC Class B, CE, RoHS compliant
Operating Temperature	Operation*: -20°C to 60°C (-4°F to 140°F); tested under MIL-STD-810G method 501.6, Procedure II, and method 502.6, Procedure II Storage: -55°C to 70°C (-67°F to 158°F) <i>* For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F)</i>
Humidity	0% – 90% non-condensing