ST10

High performance Intel i7 microprocessor for complex calculations and faster processing.

Large (10 inch) sunlight readable display, work anywhere, anytime.

Survivability in the field, ruggedized, IP65, MIL-810 drop specifications.

Work without interruptions, user replaceable, hot-swappable batteries.

Two-in-One optional keyboard with trackpad.

ST10™ Tablet, See Your World

The more you can see, the more you can do. The ST10 tablet has a bright, high contrast, sunlight readable 10-inch screen to give you the area you need to easily see your data or manage map layers. You'll be more productive and you'll catch errors before they happen.

The ST10 is also tough. Consumer tablets just won't survive for long in a real work environment. The ST10 is designed to work outside, in the rain, deal with the mud, and still be ready for more. Its bright display can be clearly seen in sunlight and the included active stylus makes precision work a snap, even with gloves on. It frees you up to do your job.

It is even a full-on Windows 10 computer and can be used that way. With the optional keyboard and trackpad attached, you can run Survey Office to process and quality control your data, write and send emails, and manage your work just like a laptop. The huge screen, rugged design, and versatility make the ST10 the right tool for your job.

Get one in your hands and see what you've been missing.

STANDARD FEATURES

System
- Intel® 6th Generation Core™ i7 processor
- Intel HD Graphics 520
- 8 GB RAM
- 128GB SSD Storage [1]
- 10.1" LED-backlight screen with 10-point capacitive multi-touch
- Active Pen support
- High-sensitivity GNSS/SBAS receiver and antenna
- Wi-Fi 802.11ac, 2.4GHz / 5GHz dual-band
- Bluetooth® v 4.2 LE
- 4G and Cirronet radio versions available [2]
- User replaceable battery (standard or enhanced capacity), hot swappable
- Integrated speaker and microphone
- NIST (National Institute of Standards and Technology) compliant BIOS
- TPM (Trusted Platform Module) 2.0 support
- Rugged ABS + PC plastics and magnesium-aluminum alloy enclosure
- Rubber bumpers on each corner for handling protection
- MIL-STD-810G Shock, Drop and Vibration
- IP65 Dust and Moisture Ingress Protection

OPERATING SYSTEM
- Microsoft® Windows® 10 IoT Enterprise
- Languages available: Arabic (Saudi Arabia), Bulgarian (Bulgaria), Chinese (Simplified, China), Chinese (Hong Kong), Chinese (Traditional, Taiwan), Croatian (Croatia), Czech (Czech Republic), Danish (Denmark), Dutch (Netherlands), English (United Kingdom), English (United States), Estonian (Estonia), Finnish (Finland), French (France), French (Canada), German (Germany), Greek (Greece), Hebrew (Israel), Hungarian (Hungary), Italian (Italy), Japanese (Japan), Korean (Korea), Latvian (Latvia), Lithuanian (Lithuania), Norwegian, Bokmål (Norway), Polish (Poland), Portuguese (Brazil), Portuguese (Portugal), Romanian (Romania), Russian (Russia), Serbian (Latin, Serbia), Slovak (Slovakia), Slovenian (Slovenia), Spanish (Spain, International Sort), Spanish (Mexico), Swedish (Sweden), Thai (Thailand), Turkish (Turkey), and Ukrainian (Ukraine). Additional languages are available as Language Interface Packs.

COMMUNICATIONS
- Cellular: 4G LTE, data only [2]
- Wi-Fi 802.11ac, 2.4 GHz/ 5 GHz dual band
- Bluetooth 4.2 LE
- Cirronet (Radio version only on select models)
- USB 3.0

STANDARD ACCESSORIES
- Lanyard
- Screen protectors (x2)
- Active Stylus
- A/C charger

OPTIONAL ACCESSORIES
- Detachable full keyboard with trackpad (for hybrid 2-in-1)
- Enhanced capacity battery
- Office dock with ethernet and dual-display support
- Pole bracket with cradle

TECHNICAL SPECIFICATIONS

Physical
- Size
  - 198 mm x 283 mm x 40 mm (7.8 in x 11.1 in x 1.6 in)
- Weight
  - 1.4 kg (3.08 lbs.)
- Processor
  - Intel® Core™ i7, Clock frequency: 2.5 GHz
- Memory
  - 8 GB SDRAM
- Storage
  - 128 GB
- User Interface
  - Power button, RF switch, 3 programmable keys
- Power / Battery Status LED
- Optional detachable full keyboard with trackpad
- Battery
  - 11.4 V, 5400 mAh (standard capacity), hot swappable
  - 11.4 V, 8000 mAh (enhanced capacity)
- Battery life (enhanced capacity)
  - ~ 10 hours @ 20° C with GPS on [3]

ENVIRONMENTAL
- Operating Temperature
  - –20 °C to +60 °C (–4 °F to 140 °F)
- Storage
  - –55 °C to +70 °C without battery (–67 °F to 158 °F)
- Humidity
  - 0% - 90% non-condensing
- Water & dust proof
  - IP65
- Vibration / Shock resistance
  - MIL-STD-810G
- EMI / EMC tolerance
  - MIL-STD-461F

INPUT/OUTPUT
- Display
  - LED backlight scratch-resistant, auto rotate
- Size
  - 10.1" capacitive multi-touch
- Resolution
  - 1920x1200 px
- Brightness
  - 800 Cd/m^2
- Audio
  - Built-in microphone and speaker
- Audio jack 3.5 mm
- I/O
  - USB 3.0
- AC / DC Adapter
  - Input: 100-240V AC, Output: 19V DC, 3.42A
- Sensors
  - E-Compass, Accelerometer

GNSS
- Internal antenna: 72 channels
  - GPS L1 C/A, GLONASS, Beidou, QZSS, SBAS
- Integrated real-time
  - SBAS [4] (WAAS/EGNOS/MSAS/GAGAN)
- Dual constellation system
  - GPS/GLONASS or GPS/Beidou

1 Total usable memory will be less depending upon actual system configuration.

2 Frequencies and channels depending on 4G radio version.

3 Tested under MIL-STD-810G method 501.6, Procedure II, and method 502.6, Procedure II. Battery capacity is reduced at lower temperatures or extremely high temperatures.

4 SBAS (Satellite Based Augmentation System), where available.

Product Models	ST10 (4G)	ST10 (Radio)
WLAN (Wi-Fi)	✔	✔
4G Data	✔	✔
2.4GHz Spread-Spectrum Radio		✔
Memory Storage (SSD)	128 GB	128 GB
GNSS	U-BLOX NEO-M8T	U-BLOX NEO-M8

CONTACT INFORMATION:

Americas
10368 Westmoor Drive
Westminster, CO 80021 • USA
+1-720-587-4700 Phone
888-477-7516 (Toll Free in USA)

Europe, Middle East and Africa
Rue Thomas Edison
ZAC de la Fleuriaye – CS 60433
44474 Carquefou (Nantes) • FRANCE
+33-(0)2-28-09-38-00 Phone

Asia-Pacific
80 Marine Parade Road
#22-06, Parkway Parade
Singapore 449269 • SINGAPORE
+65-6348-2212 Phone

Please visit www.spectrageospatial.com for the latest product information and to locate your nearest distributor. Specifications and descriptions are subject to change without notice.