Your daily field computer
Bring office-level processing speed directly to your project site. Stay connected, productive, and in control with the SHC6000 field computer.

Like all of our solutions, you can customize it to meet your needs and create your own workflows.

- Sunlight-readable 7-inch display
- Intel® Quad-Core Pentium N4200 Processor
- MIL-STD 810G and IP68 certified
- Windows® 10 operating system
- 8 MP rear camera, 2 MP front camera
- Integrated 4G LTE cellular module (optional)

A brilliant, clear screen
The broad 7-inch screen is specifically designed for viewing and working in direct sunlight. It provides a clear, easy-to-read display with a responsive touchscreen interface.

Ready for the elements
In addition to a field-ready IP68 environmental rating – which ensures protection against dust and allows the unit to be waterproof at a one-meter depth – the SHC6000 is independently certified as MIL-STD 810G, capable of operating in temperatures from -20°C to 50°C.

FC Docking Station - Optional accessory
With the FC Docking Station, moving from the field to the office, and back, is a breeze. The docking station makes it easy to charge, connect to an Ethernet network, an external monitor, keyboard, and mouse – just like a laptop.
Stay connected
Bluetooth® and Wi-Fi communication come standard on the SHC6000 and are ideal options to connect and drive any Sokkia GNSS receiver or optical total station out to distances of 500 meters. Plus, using local Wi-Fi you can upload the day’s work before leaving the project site – cutting down on return trips to the office.

Power on the go
The unit is built for speed with an Intel® Quad-Core Pentium N4200 Processor, which drives Sokkia software, or a variety of other software options with ease, and is ready to work with your large design files.

Point and snap
Two built-in digital cameras offer fast auto-focus adjustments including an as-needed LED flash to capture informative project site images. All photos are easily associated and instantly shareable with any field measurement while using data collection software.

External Keyboard – Optional accessory
The keyboard is designed for on-the-fly installation and quickly snaps onto the SHC6000; no tools required. It features tactile feedback, raised keys, and a full QWERTY keyboard. It is designed to improve performance of the SHC6000 in cold weather when operators are wearing gloves.
**Specifications**

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Processor</th>
<th>Intel® Quad-Core Pentium N4200 Processor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Microsoft® Windows 10</td>
<td></td>
</tr>
<tr>
<td>Memory and Data Storage</td>
<td>8GB LPDDR4 RAM User accessible SD Slot</td>
<td></td>
</tr>
<tr>
<td>Display</td>
<td>7-inch screen, Wide XGA at 1280 x 800</td>
<td></td>
</tr>
<tr>
<td>GNSS</td>
<td>Type: uBlox NEO M8M</td>
<td></td>
</tr>
<tr>
<td>Camera</td>
<td>Rear: 8 MP with LED Illumination Front: 2 MP</td>
<td></td>
</tr>
</tbody>
</table>

**Communication**

- Bluetooth® LongLink™ Bluetooth technology, Class 1.5, BLE support
- Wi-Fi 802.11a/b/g/n, 2.4 GHz and 5 GHz
- Cellular Connectivity (optional): Internal GSM 4G LTE modem

**Environmental**

- Dust/Water Rating: IP68 certified
- Operating Temperature: -20°C to 50°C
- Temperature Shock: MIL-STD 810G
- MIL-STD 810G Drop: 4 ft. (1.2 m), vibration, humidity
- Dimensions (l x w x h): 21.5 x 13.7 x 3.5 cm
- Operating Time: Up to 15 hours (5 hours internal batteries, 10 hours with swappable batteries)

**Standard kit components**

- SHC6000 field computer
- Quick start guide
- Hand strap
- International plug kit
- Capacitive small tip stylus
- Connector port dust cover
- Internal battery
- Battery charger
- Removable battery

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**Get connected**

The optional internal cellular modem is capable of sending and receiving data to the cloud, making it easy to communicate with field crews when projects need to be changed.

**Recharge faster**

After a full day’s work, recharging the SHC6000 takes as little as two to four hours. The internal batteries are tested and proven to deliver excellent performance even under extreme temperature conditions.

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