



FC-6000
RUGGEDIZED
FIELD COMPUTER





Ready for the elements, Powered from within

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

Multiple technologies deliver power and control

Starting with its handy 7-inch display specifically designed for visibility in direct sunlight, the FC-6000 field computer is built with your productivity in mind. When the day's weather throws you a new challenge, stay productive and in control using fingertips, gloves, or a small tipped stylus that is optically bonded to increase sensitivity even while working in the wet conditions.

In addition to a field-ready IP68 environmental rating – which protects against dust and allows the unit to be waterproof at a one meter depth for up to two hours – the FC-6000 is independently certified as MIL-STD-810G, capable of operating in temperatures from -20°C to 50°C (-4°F to 122°F).

The unit is built for speed with an Intel® Quad-Core Pentium N4200 Processor that drives any Topcon software with ease and is ready to work with your large design files. It is ideal for grade checking with Pocket 3D and for survey related projects using MAGNET® Field data collection software.

Expand your horizons

Topcon exclusive LongLink™ communication technology is built into the FC-6000 and provides the ability to connect and drive Topcon total stations and GNSS receivers wirelessly out to 500 meters.



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.



External keyboard – optional accessory

The keyboard is designed for on-the-fly installation and quickly snaps onto the FC-6000; no tools required. It features tactile feedback, raised key, and full QWERTY keyboard. It is designed to improve performance of the FC-6000 in cold weather when operators are wearing gloves.



Hardware	
CPU	Intel® Quad-Core Pentium N4200 Processor
OS	Windows® 10 Pro
Memory	8GB LPDDR4 RAM
Display	7 in. LCD touch screen, Wide XGA at 1280 x 800
GPS	Type: uBlox NEO M8M
Camera	Rear: 8 megapixel with LED Illumination Front: 2 megapixel
Wireless Connectivity	
Bluetooth®	LongLink™ Bluetooth technology V5.0 Class 1.5, BLE support
Wi-Fi	802.11 a/b/g/n 2.4 GHz and 5 GHz
Cellular (optional)	Internal GSM 4G LTE
Environmental	
Water/Dust Rating	IP68 certified
Operating Temp	-20°C to 50°C -4°F to 122°F
Military Standard	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 5.39" x 8.46" x 1.38"
Weight	680g (1.5 lbs) without swappable battery
Operating Time	Up to 15 hours (5 hours internal battery, 10 hours with swappable battery)



MAGNET Field

The data collection portion of the MAGNET system is purpose-built to get the most out of all Topcon hardware products as well as instant data exchange through MAGNET Enterprise web services.

MAGNET Enterprise

A secure web service that acts as the central hub of the entire MAGNET system, MAGNET Enterprise keeps project managers informed and focused on time and money.

Pocket 3D

From simple grade checking to complex road design layout, this proven construction software solution is the connected compliment to 3D-MC software within Topcon machine control systems.

Collect, Connect, and Conquer

The common thread among all location-based projects is change. Therefore, stay current and in control with secure connectivity to either MAGNET Enterprise or Sitelink3D web services – data transfer is instant and easy.



For more information:
topconpositioning.com/fc-6000

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