

Field Controller for Android™

FC-600A



Rugged, fast, and light weight

The FC-600A excels in demanding field survey and construction applications. This ultra-rugged, all-weather Android™ data controller is waterproof, dustproof and shockproof. It protects your data even if the device has been dropped onto concrete, drenched in a downpour or exposed to dust. With a full numeric, tactile keyboard, a sunlight-readable touchscreen display and an all-day battery life, the FC-600A is the ultimate pocketable device for frequent data entry.

FEATURES

- Ultra-rugged IP68-rated design
- Up to 20 hours of battery life
- Ergonomic and sunlight-readable display
- Backlit numeric keypad
- Excellent low temperature performance
- Bluetooth® and Wi-Fi wireless connectivity

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SPECIFICATIONS	
CPU	1.2 GHz quad-core ARM Cortex A9 i.MX6 processor
OS	Android 7.1 AOSP
Memory	2GB RAM
Storage	16GB flash storage User-accessible micro SD/SDXC slot
Display	4.3 in. (109 mm) active viewing area sunlight-readable touch screen WVGA LCD TFT (800x480) High visibility backlit LCD Portrait or landscape orientation
Ports	COM1, RS-232C 9-pin D connector with 5VDC power output on pin 9 software enabled USB host (Full A), USB client (Micro B) 12, 24VDC input, 10-36V unregulated 3.5 mm audio jack, supports speaker/ microphone or stereo output (pin detect)
WIRELESS CONNECTIVITY	
Bluetooth®	Bluetooth® wireless technology, 4.2 BR/BDR/ BLE "Smart Ready," Class 1.5, range greater than 100 feet (30 m)
Wi-Fi	Wi-Fi® 802.11 b/g/n
ENVIRONMENTAL	
Water/Dust	IP68 waterproof and dustproof (1.4 m for 30 min.)
Operating Temp	-22°F to 140°F (-30°C to 60°C)
Storage Temperature	-22°F to 158°F (-30°C to 70°C)
Military Standard	MIL-STD-810G test procedures: Method 500.5 Low Pressure (Altitude); Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust; Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock
Shock Proof	Multiple drops from 5 ft. (1.5 m) onto concrete
Dimensions (w x l x h)	3.6 x 7.25 x 1.5 in. (91 x 184 x 38 mm)
Weight	Weight: 1.3 lbs. (590 g), with battery
Operating Time	Operates for up to 20 hours on one charge