



Connections along the bottom are easily accessible.



PRODUCT CATEGORY:  
READOUTS + DATA LOGGERS

## Ultra-Rugged Field PC<sup>2</sup> and Accessories

The Ultra-Rugged Field PC<sup>2</sup> functions as a data collector. It serves as a high-level user interface for on-site data collection/analysis and provides instant USB synchronization with office computers. It also offers on-board wireless communication options which provide ease of use and reliability since there is no longer any concern with fragile connectors, cable related failure and reliability problems. The Ultra-Rugged Field PC<sup>2</sup> is rock solid and field ready for the most extreme environments.

RST Instruments provides support and interface software to use the Ultra-Rugged Field PC<sup>2</sup> with the following systems and data loggers (see separate brochures): Digital MEMS Inclinometer System, Digital MEMS Tiltmeters/In-place Inclinometers, Digital ThermArray Systems, DT Series Data Loggers, Pivot Laser Extensometer and flexDAQ Data Loggers.

### > APPLICATIONS

On-site data collection.

Compatible with several RST Instruments systems and data loggers.

### > FEATURES

Rugged design for use in extreme environments.

Microsoft® Office Mobile 2010 (Word, Excel, PowerPoint, Outlook)

Bluetooth® Wireless Communication.

Wi-Fi® 802.11b/g/n with extended range.

Battery easily changed in the field.

Scratch-resistant screen.

### > BENEFITS

- ✓ High Accuracy
- ✓ Increase Productivity
- ✓ High Reliability



Contact RST for Details

### SPECIFICATIONS

PROCESSOR, OPERATING SYSTEM AND MEMORY	DISPLAY
1.0GHz ARM Cortex A8 i.MX53 processor	Active viewing area of 109 mm (4.3 in.) diagonal.
Microsoft® Windows Embedded Handheld 6.5.3	VGA LCD TFT (800x480)- portrait or landscape orientation.
Microsoft® Office Mobile 2010 (Word, Excel, PowerPoint, Outlook)	High visibility backlit LCD- brilliant contrast in direct sunlight.
Bluetooth® Wireless Communication.	Projected capacitive touch interface, "optically bonded" to display for increased visibility.
Wi-Fi® 802.11b/g/n with extended range.	Scratch-resistant screen.
Internal solid state 512 MB Flash memory	On-board stylus with tether.
8GB flash storage, user-accessible micro SD/SDHC slot.	ENVIRONMENTAL
Both USB Host and Client plus 9-pin RS-232.	Operating temperature: -30 to 60°C (-22 to 140°F)
Real-time clock keeps correct date & time, even without battery.	Bluetooth® rated to -20°C (-4°F).
POWER	IP68 waterproof and dustproof.
Intelligent Li-Ion battery - 3.7VDC @ 10600mAh, 38.16Whr	Shockproof (multiple drops from 1.5 m (5 ft.) on to concrete.
20 hour battery life on single charge (2 to 4 hrs. charge time)	MIL-STD-810G: high/low temp., temp. shock, rain, humidity, sand & dust, immersion, vibration, altitude, shock.
Battery easily changed in the field.	

### ORDERING

ITEM	PART #
Ultra-Rugged Field PC <sup>2</sup> ALSO INCLUDES: AC charger with int'l plug kit, rechargeable Li-Ion battery, USB cable, quick start guide, ultra-wide hand strap, stylus with tether, screwdriver.	IC32000-AR2-RSTS
Wall Charger, 20Watt, with US and International plug Kit	Contact RST for info.
Vehicle Charger Cable	Contact RST for info.
Rechargeable Li-Ion Battery	Contact RST for info.
Hand Strap Replacement Kit	Contact RST for info.
Capacitive Stylus with Tether Kit	Contact RST for info.
Communication Module Replacement Kit	Contact RST for info.
Premium Screen Protectors (quantity 2)	Contact RST for info.
Adjustable Shoulder Strap	Contact RST for info.