



Monitor  
with  
Confidence

TEL 604 540 1100  
info@rstinstruments.com  
www.rstinstruments.com

RST Instruments Ltd.  
11545 Kingston St.,  
Maple Ridge, BC V2X 0Z5 Canada



Connections along the bottom are easily accessible.

	<b>PRODUCT CATEGORY:</b>
	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. 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 and DT Series 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.

### ORDERING



ITEM	CONTACT RST FOR DETAILS	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.	Contact RST for Details	IC32000-AR2-RSTS

### 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.	
Both USB Host and Client plus 9-pin RS-232.	
Real-time clock keeps correct date & time, even without battery.	
POWER	ENVIRONMENTAL
Intelligent Li-Ion battery - 3.7VDC @ 10600mAh, 38.16Whr	Operating temperature: -30 to 60°C (-22 to 140°F)
20 hour battery life on single charge (2 to 4 hrs. charge time)	Bluetooth® rated to -20°C (-4°F).
Battery easily changed in the field.	IP68 waterproof and dustproof.
	Shockproof (multiple drops from 1.5 m (5 ft.) on to concrete.
	MIL-STD-810G: high/low temp., temp. shock, rain, humidity, sand & dust, immersion, vibration, altitude, shock.