

Ultra Rugged Field PC2 and Accessories

Description

NOTE: This is a legacy and discontinued product not available for order.

The Ultra-Rugged Field PC2 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 PC2 is rock solid and field ready for the most extreme environments.

RST Instruments provides support and interface software to use the Ultra-Rugged Field PC2 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.

PROCESSOR, OPERATING SYSTEM AND MEMORY SPECIFICATIONS

1.0GHz ARM Cortex A8 i.MX53 processor
Microsoft® Windows Embedded Handheld 6.5.3
Microsoft® Office Mobile 2010 (Word, Excel, PowerPoint, Outlook)
Bluetooth® Wireless Communication.
Wi-Fi® 802.11b/g/n with extended range.
Internal solid state 512 MB Flash memory
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 SPECIFICATIONS

Intelligent Li-Ion battery - 3.7VDC @ 10600mAh, 38.16Whr
20 hour battery life on single charge (2 to 4 hrs. charge time)
Battery easily changed in the field.

DISPLAY SPECIFICATIONS

Active viewing area of 109 mm (4.3 in.) diagonal.
VGA LCD TFT (800x480) - portrait or landscape orientation.
High visibility backlit LCD - brilliant contrast in direct sunlight.
Projected capacitive touch interface, optically bonded to display for increased visibility.
Scratch-resistant screen.
On-board stylus with tether.

ENVIRONMENTAL SPECIFICATIONS

Operating temperature: -30 to 60°C (-22 to 140°F)

Bluetooth® rated to -20°C (-4°F).

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.

Specifications