



PACSystems RXi Display/Panel PC

Multi-Touch Control and Widescreen Viewing of Industrial Processes

To succeed in an outcome-driven world, businesses must operate faster and leaner, and be increasingly connected. At GE Intelligent Platforms, we've reimagined automation architecture to help you succeed in today's business environment.

A pivotal point within this architecture is the displays for operators. GE Intelligent Platforms reconsidered every aspect of an industrial display when developing the PACSystems® RXi Display. From the moment it is unpacked and mounted to when the operator touches its screen, the RXi Display delivers a sleek and powerful user experience.

The RXi Display connects people and machines by combining the latest in touch-screen technology with a widescreen display to give operators an enhanced view into their processes. The result is quicker, smarter decisions based on real-time visualization.

When paired with the RXi Box PC, the RXi Display creates a high-performance system that lowers TCO with seamless replacement of either component and provides for powerful upgrades to the underlying computing technology.

High-Performance Display Technology

The RXi Display takes industrial displays into today's connected world, combining design, durability, and power in an ultra-slim package designed for the factory floor.

The RXi Display's modular design means it is built for today—and tomorrow. It helps you design better machines and plants, operate them smarter, and redefine the interaction with your equipment.

GE knows that today's rapidly changing industrial environment requires display and computing equipment that can evolve along with your operations. The RXi Display and RXi PC system doesn't become obsolete—upgrade the PC as chip technology accelerates. The result is increased performance and productivity, and decreased TCO.

User-Friendly Design Increases Productivity

The RXi Display was designed for ease of operation. For example, its front-mounted SD memory card slot can be accessed without opening the cabinet.

For fast and easy installation, the RXi family of displays offers a unique mounting system, designed to be completed by a single person without the need for special tools or fasteners. Your system is up and running in minutes.

Enhanced Durability & Touchscreen Control

The RXi Display's solid aluminum bezel design is built to last. Its 9H-rated hardened projected capacitive multi-touch screen provides an intuitive, smartphone-like experience. The responsive, clear-glass display allows operators to efficiently navigate software in a variety of industrial environments.

Capacitive touchscreen technology is more resistant to physical damage and UV discoloration, and permits a higher degree of brightness and contrast as compared to standard resistive technology. This means you get clear, easy-to-see visualization of your processes.

FEATURE	BENEFIT
Widescreen Technology	Allows operator to view more processes or information on one screen.
Multi-Touch Screen Interface	Easier on-screen navigation enabling familiar smartphone-like experience.
External Memory Slot	SD Card Slot can be accessed from front of panel without opening cabinet.
Captive Mounting Hardware	One person can quickly install the display without special tools.

PACSystems RXi Display/Panel PC

Specifications

Display Type

- TFT-LCD

Display Resolution

- See table

Touchscreen

- Projected Capacitive Multi-Touch

Backlight/Brightness Half Life

- LED/50,000 hours

Aspect Ratio

- 16:9

Colors

- 16.7 Million

Contrast Ratio

- 600 (minimum)/1000 (typical)

Brightness (nits)

- 300

Peripherals

- External Front Accessible SD Card Slot
- On/Off and 3 User-Defined Capacitive-Touch Front Panel Buttons

Power

- 18-32 VDC (24 VDC nominal)
- 2.6 A at 24 VDC

Environmental

- Temperature Operating: 0-60°C (SSD) / 0-40°C (HDD)
- Vibration Operating (sine) (SSD only): 10-57 Hz, 0.006 in disp; 57-500 Hz, 1.0g
- Shock Operating (half-sine) (SSD only): 15g pk, 11ms

Physical

- Enclosure Type: Aluminum
- Weight: 7 kg
- Depth to Panel: 0.4"
- Panel Cutout Dimensions: See table
- Front Glass Hardness: 9H

Safety

- UL 60950-1
- UL508
- CAN/CSA-C22.2 NO. 60950-1-07
- CE Mark

Panel PC Specifications

Processor

- Via Eden dual core 1.0 GHz processor

Memory

- 4 GB RAM

Storage

- 32 GB Industrial Grade SSD – Standard
- Optional 250 GB Hard Drive

Ethernet

- 2 Ethernet (10, 100, 1000 Mbit) ports

Wireless Communication

- WLAN optional via internal Mini PCIe card site



RXi Box IPC Integral Mounting & Single Person Captive Panel Mounting

Serial Communications

- RS-232 port (RJ-45)

Video / Graphics Interface

- VGA Port – support up to 2560x1440 resolution @ 60Hz

Audio

- 3.5 mm stereo out/mono mic audio jack

USB Interface

- 2 USB 2.0 Standard Size ports

Other

- Event timer
- Watchdog timer
- Real time Clock and battery access for exchange

Ordering Information

Part Number	Diagonal (inches)	Resolution Pixels (HxV)	Memory Type	OS	Panel Cutout (WxH)	Overall (WxH)
ICRXIDIXNE19LCTA	18.51"	1366 x 768	SSD	Win 7 Pro	18" x 11.5"	18.88" x 12.72"
ICRXIDIXNM19LCTA	18.51"	1366 x 768	HDD	Win 7 Pro	18" x 11.5"	18.88" x 12.72"
ICRXIDI0NE19LCTA	18.51"	1366 x 768	SSD	None	18" x 11.5"	18.88" x 12.72"
ICRXIDI0NM19LCTA	18.51"	1366 x 768	HDD	None	18" x 11.5"	18.88" x 12.72"