

BREPPRPI001 v1.1 – BRE RevolutionPi IPC Package



Package Contents:

- **1x Revolution Pi Connect5**
PR100416 8 GB RAM, 32 GB eMMC,
No WLAN
- **1x ASEM 6300** Touchscreen 15.6in HD
1080p
- **1x MicroHDMI- DVI Cable**
- **1x USB A-B Cable**
- **Customised Bookworm Linux Image**
Ignition Edge Pre-Installed (No
License)
Automatic Kiosk Mode
Web Administration Portal
On Screen-Keyboard

Ignition Edge with Revolution Pi for Industrial IoT

The convergence of operational technology (OT) and information technology (IT) continues to reshape industrial automation. One powerful combination that's gaining traction is pairing Inductive Automation's Ignition Edge with the Revolution Pi platform. This integration creates a robust, cost-effective solution for edge native HMI platforms in industrial environments. BRE have developed this package to combine a high quality HD 1080p ASEM touch screen with the Revolution Pi Connect5 IPC and preinstalled an unlicensed copy of Inductive Automation's Edge Panel software, ready to be licensed by the end user.

Why This Combination Makes Sense

The Revolution Pi Connect 5, based on the Raspberry Pi Compute Module 5, brings industrial-grade reliability and design features to the familiar Pi ecosystem. When combined with Ignition Edge's lightweight SCADA capabilities, it creates an ideal addition to existing automation systems that need both local visualisation and connected enterprise features. All of this displayed in crisp, clear HD 1080p on a 15.6" touchscreen ready to mount on your control panel.

Key advantages include:

- Industrial-grade hardware with DIN rail mounting
- Native support for industrial protocols like Ethernet/IP, OPC-UA and Modbus
- Web native visualisation support with Ignition Perspective
- Simple licensing model with Ignition Edge
- Seamless integration with existing Ignition infrastructure
- Auto-Hide On-Screen Keyboard support for the whole Ignition Perspective session.
- No proprietary desktop OS on the plant floor.