

# Data Sheet / Wayne Fusion® automation server V3

Control Where you Need it Most

## Hardware Platform

### CPU

- Intel® Celeron® J1900 (Quad core, 64-bit, 2MB L2 cache, 2.42GHz)

### Data Storage

- 128GB mSATA drive

### Battery Backup

- Internal super-capacitor for controlled shut-down in power fail situations
- Internal temperature monitor
- Internal voltage monitor

### Power

- 24V AC 70W external power brick
- Rear mounted recessed power switch

### Temperature Range

- Standard Operating Temperature: 0°C to 60°C

### Chassis and Cover

- Aluminum chassis and cover

### Memory

- 4GB DDR3L 1333 MHz SO-DIMM
- 100% Solid State (No moving parts)

## Operating System

- Microsoft® Windows 10 IoT Enterprise LTSC 2021 (Long Term Servicing Channel)

## Connectivity

- 4 x USB (3x USB2.0 + 1x USB3.0)
- 4 x UART (1x RS232/RS422/RS485 + 3xRS232; +5V or +12VDC)
- HDMI and VGA display connector (no speaker)
- 2 x 10/100 Ethernet port
- 2 x 24VDC out connector
- 2 x slots for FIB (Forecourt Interface Boards)
- Optional powered USB-hub with 2x USB3.0 + 1x PUSB 24V + 2x PUSB 12V

## Display

- Front mounted diagnostic/info display

## Physical Dimensions

- 335mm (W) x 330mm (D) x 98mm (H)

## Humidity Range

- 5-95% relative humidity



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## Forecourt Interface

### FIB-UCL485 (P/N WU017553-0001)

- 2 ports CL supporting half-duplex communication over a 10 mA, 20 mA, 25 mA, 35 mA, or 45 mA current loop – 4 dispensers/8 fueling positions per port
- 2 ports RS-485 supporting 2, 3 or 4-wire serial circuits – 4 dispensers/8 fueling positions per port
- 2 x 8-pin for CL + 2 x 2-pin Phoenix connector

### FIB-UCL485UL (P/N WU017553-0002)

- 2 ports CL supporting half-duplex communication over a 10 mA, 20 mA, 25 mA, 35 mA, or 45 mA current loop – 4 dispensers/8 fueling positions per port
- 2 ports RS-485 supporting 2, 3 or 4-wire serial circuits – 4 dispensers/8 fueling positions per port
- RJ45 connectors (for use with DSB-Data Safety Box)

### FIB-NUP (P/N TOK-962500-001)

- 4 ports supporting:
  - Nuovo Pignone (1 fueling position per port)
  - Logitron (1 dispenser/2 fueling positions per port)
- 4 x 5-pin Phoenix connector

### FIB-LON (P/N TOK-962135-001)

- 1 LON bus channel
- 4 ports supporting 1 dispenser/2 fueling position per port
- 4 x 3-pin Phoenix connector
- Supports IFSF or RAW LON communications

### FIB-UDC (P/N WU018620-0001)

- 4 ports supporting 1 dispenser/2 fueling positions per port
- 4 x 4-pin Phoenix connectors
- Supports full-duplex communication using 10 mA / 20 mA current loop

### FIB PEC (P/N (WU021189-0001)

- Connects dispensers using the PEC CL RETRON 80 protocol. A maximum of 4 dispensers (up to 8 fueling points) can be connected per FIB
  - 4 x CL ports (up to 4 devices/8 fueling positions)
  - + 2x PUSB 12V

### GRIB 1-Wire (P/N W7003377)

- 16 ports supporting 1x1-wire iButton tag reader per port
- 2 x 12-pin Phoenix connectors

### GRIB KAPROT (P/N WU011713-0001)

- 4 ports supporting 1 dispenser / 1 fueling position per port
- 4 x 4-pin Phoenix connectors



DFS *Worldwide Brands*