

A20B-8101-0930 FANUC 128Byte I/O Mini Slot PROFINET Board Datasheet



Brand: Fanuc

SKU: [993446593265](#)

Category: CNC, Robotics & PLC Boards

Price: **\$2,570.57**

E-mail: sales@equipspares.com

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Product Description

FANUC A20B-8101-0930 is a 0.20 lbs mini slot PROFINET mother board featuring a 128 Byte input and 128 Byte output capacity with support for up to 128 peripheral device connections. The printed circuit board assembly integrates a green LED link status indicator and operates on V1.3.1.0 firmware for R-30iB controllers. The hardware architecture is designed for dual-channel PROFINET interfacing and is compatible with Molex daughter boards via direct mini slot insertion.

A20B-8101-0930 Specifications

Model Number: A20B-8101-0930

Brand: FANUC

Category: PC Board PLC / Add-On Board

Communication Protocol: PROFINET

Form Factor: Mini Slot Mother Board

Weight: 0.20 lbs

Input Capacity: Up to 128 Bytes

Output Capacity: Up to 128 Bytes

Maximum Peripheral Connections: 128

Firmware Version: V1.3.1.0 (R-30iB 7DC3 V8.30 or later)

Status Indicator: Green LED (Link Established)

Compatible Controllers: R-30iA, R-30iB, R-30iB Mate, R-30iB Mate Plus

Compatible Daughter Board: Molex A05B-2600-J083 (A15L-0001-0150)

Supported Software Options: Single / Dual Channel (A05B-2600-S536), PROFINET Safety (A05B-2600-J931)

A20B-8101-0930 Applications

Primary applications include integration into FANUC R-30iA and R-30iB series robotic controllers for high-speed industrial network communications. Deployed within automated manufacturing cells, this module facilitates real-time I/O data exchange between the robot controller and peripheral PLCs, sensors, and safety devices across dual-channel PROFINET architectures.

Supplemental Images

