

Schneider Series Service Manual

PC-A984-130

1. Description

The Schneider Electric PC-A984-130 is a robust Modicon processor tailored for efficient automation tasks. It features a 32-bit RISC architecture, operating at a clock speed of 200 MHz and equipped with 512 KB of Flash memory.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number PC-A984-130
Weight	1.00 lbs (0.45 kg)
Processor	Type 32-bit RISC
Clock	Speed 200 MHz
Memory	512 KB Flash
Communication	Ports RS-232, RS-485, Ethernet
Power	Supply 24V DC
Mounting	Type Panel Mount
Operating	Temperature 0°C to 50°C
Storage	Temperature -20°C to 70°C
Humidity	10% to 95% RH
Protection	Rating IP20
Shock	Resistance 10 g for 11 ms
Vibration	Resistance 1 g at 10-500 Hz

3. Product Information

The Schneider Electric PC-A984-130 is a robust Modicon processor tailored for efficient automation tasks. It features a 32-bit RISC architecture, operating at a clock speed of 200 MHz and equipped with 512 KB of Flash memory.

Technical specifications for PC-A984-130

Manufacturer Schneider Electric

Product Line Modicon

Part Number PC-A984-130

Weight 1.00 lbs (0.45 kg)

Processor Type 32-bit RISC

Clock Speed 200 MHz

Memory 512 KB Flash

Communication Ports RS-232, RS-485, Ethernet

Power Supply 24V DC

Mounting Type Panel Mount

Operating Temperature 0°C to 50°C

Storage Temperature -20°C to 70°C

Humidity 10% to 95% RH

Protection Rating IP20

Shock Resistance 10 g for 11 ms

Vibration Resistance 1 g at 10-500 Hz

Description

The PC-A984-130 from Schneider Electric's Modicon series represents a reliable processing unit intended for industrial use. It operates on a 32-bit RISC architecture, ensuring efficient performance at a clock frequency of 200 MHz. With 512 KB of Flash memory, this processor is designed to support demanding applications that require quick access to stored data. Communication capabilities are extensive, featuring ports such as RS-232, RS-485, and Ethernet, which allow seamless integration into existing networks. This unit is designed for panel mounting and operates using a stable 24V DC power supply. The environmental specifications include an operating temperature range of 0°C to 50°C, making it adaptable to numerous industrial conditions.

For storage, the temperature tolerance spans from -20°C to 70°C, allowing for flexible deployment in diverse environments. The device can withstand humidity levels between 10% and 95% RH. Weighing 1.2 kg, the PC-A984-130 is compact yet robust with an IP20 protection rating, guarding against solid objects larger than 12.5 mm. This unit can tolerate shock forces of up to 10 g for a duration of 11 milliseconds and exhibits vibration resistance rated at 1 g across frequencies between 10 and 500 Hz, ensuring durability against typical forces encountered in industrial operations.