

# 140CPU31110

Schneider Electric · Modicon Quantum

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Unity Processor Modicon Quantum

**Processor**

Unity (PowerPC-based)

**Clock speed**

66 MHz

**Math coprocessor**

Integrated (PowerPC)

**Program memory**

Included in internal RAM (548 KB)

**Data memory**

Included in internal RAM

**Internal RAM**

548 KB user RAM

**Programming software**

Unity Pro

**Scan speed**

1.86 K instructions/ms (100% boolean)

**Discrete I/O (max)**

Local unlimited; Remote 31744 in / 31744 out

**Analog I/O (max)**

Local unlimited; Remote 1984 in / 1984 out

**Compatible backplane slots**

2, 3, 4, 6, 10, 16

**Local racks**

2

**Expansion racks**

63 distributed I/O stations (Modbus Plus), 31 remote I/O stations (S908)

**Built-in ports**

1× Modbus Plus (DB9), 2× RS-232/RS-485 serial (DB9)

**Protocols**

Modbus Plus, Modbus RTU (serial)

**Communication expansion**

Backplane slots for communication modules (e.g. 140NOE77101 Ethernet, 140CRP93200 RIO head, 140CRA21110 DIO drop, 140CHS hot standby)

**Supply voltage**

5 V DC (backplane)

**Power consumption**

9 W

**Bus current**

1800 mA @ 5 V DC

**Operating temperature**

Not available

**Storage temperature**

Not available

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**Relative humidity**

Not available

**Protection rating**

IP20

**Dimensions (H×W×D)**

250 × 40.34 × 103.85 mm

**Weight**

0.85 kg

**Discontinued (End of Sale)**

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