

140CPU65160

Schneider Electric · Modicon Quantum

Unity Processor Modicon Quantum

Processor

PowerPC 603e

Clock speed

266 MHz

Math coprocessor

Integrated (PowerPC FPU)

Program memory

1024 KB (1 MB) internal, expandable to 7168 KB (7 MB) via PCMCIA

Data memory

Not available (included in internal RAM)

Internal RAM

1024 KB (1 MB)

File storage

Expandable to 8 MB via PCMCIA

Programming software

Unity Pro

Scan speed

10.28 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/Ethernet)

Built-in ports

1× Modbus Plus (DB9), 1× Ethernet 10/100 (RJ45), 1× RS-232/RS-485 serial (DB9), 1× USB

Protocols

Modbus Plus, Modbus TCP/IP, 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

Not available

Bus current

2760 mA @ 5 V DC

Operating temperature

Not available

Storage temperature

Not available

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)

2018-12-31 (Last verified: 2026-09)