

# TSXP575634M

Schneider Electric · Modicon Premium

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Unity Processor Modicon Premium

**Processor**

Unity (PowerPC-based)

**Clock speed**

133 MHz

**Math coprocessor**

Integrated (PowerPC FPU)

**Program memory**

4096 KB (4 MB)

**Data memory**

880 KB

**Internal RAM**

880 KB (data)

**Programming software**

Unity Pro / EcoStruxure Control Expert

**Scan speed**

0.08  $\mu$ s per boolean instruction

**Discrete I/O (max)**

1024 points

**Analog I/O (max)**

128 points

**Compatible backplane slots**

4, 6, 8, 12

**Local racks**

16 (4/6/8-slot) or 8 (12-slot)

**Expansion racks**

Not available

**Built-in ports**

1× Ethernet 10/100 (RJ45), 2× RS-485 serial

**Protocols**

Modbus TCP/IP, Modbus RTU (serial)

**Communication expansion**

Premium backplane communication modules (Fipio, Fipway, Modbus Plus, Ethernet, PROFIBUS DP)

**Supply voltage**

5 V DC (backplane)

**Power consumption**

7.5 W

**Bus current**

1880 mA @ 5 V DC

**Operating temperature**

Not available

**Storage temperature**

Not available

**Relative humidity**

Not available

**Protection rating**

IP20

**Dimensions (H×W×D)**

140 × 35 × 80 mm

**Weight**

0.5 kg

**Discontinued (Last verified**

2026-09)

**Replacement**

Modicon M580 (BMEP58xxx)