

1785-L20B/E

Allen-Bradley (Rockwell Automation) · PLC-5 / Bulletin 1785

The Allen-Bradley 1785-L20B/E is a PLC-5/20 programmable logic controller processor in the Bulletin 1785 family. It provides 16K words of battery-backed user memory and communicates over DH+ and Remote I/O networks; Series E is a hardware revision of the 1785-L20B base catalog (the Ethernet-enabled PLC-5/20E is a separate catalog, 1785-L20E). It supports up to 512 inputs and 512 outputs and installs as a single-slot module in a 1771 I/O chassis.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1785-L20B/E

Base Catalog: 1785-L20B

Series Suffix: E

Product Type: Processor / Controller

Product Family: PLC-5 / Bulletin 1785

Model-Specific Specifications:

PLC-5/20 processor

16K words battery-backed SRAM

DH+ and Remote I/O

up to 512 in + 512 out

up to 4 local rack addresses (13 chassis total)

serial RS-232/422/423

1771 chassis

0-60 C

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Series / Family Common Specifications:

Bulletin 1785 PLC-5 processors are chassis-based controllers that install in 1771 I/O chassis.

Uses the 1771 I/O module family for digital and analog I/O.

Communicates over DH+ (Data Highway Plus) and Remote I/O (RIO) networks.

Programmed with RSLogix 5 software (with RSLinx).

Chassis powered by 1771-series power supplies (e.g. 1771-P4S/P6S/P7).

Lifecycle: Discontinued (Bulletin 1785 family; final family EOL July 31, 2017; 1785-L20B/L20E discontinued December 31, 2014).

Lifecycle Status: Discontinued

Discontinuation Date: 2014-12-31

Recommended Replacement: Engineering Replacement (no direct RA replacement; migrate to ControlLogix)