

SB800EX Build Options

Serial Ports:

- Connectors can be DB-9 or a 5-pin terminal strip
- All ports support RS-232, RS-485 and RS-422, jumperless configuration through software
- CAN bus can be supported as an option in place of RS-232, RS-485 and RS-422

Input Power Connector:

- Can be a 2.1mm barrel jack or a 2-pin terminal strip

Options:

- Wifi b/g/n with external antenna
- BlueTooth Low Energy (BLE)
- GPS option for Network Time Server (NTP) operation



Part Numbering

The part number will specify the options in the format: SB800EX-(P, S2, S1, W)-IR, where:

| Connector Type | Values |
|----------------------------|--|
| P = Power Connector | J = Barrel Jack T = 2 pin terminal plug |
| S1, S2 = Serial Connectors | D = DB9 T = 5 pin terminal strip N = No connector |
| W = Wifi | W = Wifi installed |
| B = BLE | BlueTooth Low Energy |
| C = CAN bus | C = CAN bus transceiver installed. Replaces RS-232/422/485 transceiver |

Example: SB800EX-JDDW-IR = Barrel jack, both serial ports are DB9, Wifi installed.

Stock Configurations

Custom configuration available upon request.

| Part Number | Description | Similar to |
|-------------------------------|--|--|
| Power = Jack | | |
| SB800EX-JDD-IR | Power Jack DB9 supports RS-232/422/485 DB9 supports RS-232/422/485 | SB72EX, SB700EX |
| SB800EX-JDT-IR | Power Jack DB9 supports RS-232/422/485 5-Pin terminal supports RS-232/422/485 | CB34EX without CAN bus |
| Power = Terminal Strip | | |
| SB800EX-TDD-IR | Power 2-pin terminal plug DB9 supports RS-232/422/485 DB9 supports RS-232/422/485 | SB72EX, SB700EX with 2 pin terminal input power instead of jack. |
| SB800EX-TDT-IR | Power 2-pin terminal plug DB9 supports RS-232/422/485 5-Pin terminal supports RS-232/422/485 | CB34EX with 2 pin terminal power input instead of jack. |
| Wifi | | |
| SB800EX-JDDW-IR | Power Jack DB9 supports RS-232/422/485 DB9 supports RS-232/422/485 Wifi and Ethernet port | SB72EX, SB700EX plus Wifi |
| SB800EX-JDTW-IR | Power Jack DB9 supports RS-232/422/485 5-Pin terminal supports RS-232/422/485 Wifi and Ethernet port | CB34EX plus Wifi, without CAN bus |
| CAN Bus | | |
| SB800EX-TDTC-IR | Power 2-pin terminal plug DB9 supports RS-232/422/485 5-Pin terminal supports CAN bus | CB34EX |
| BLE | | |
| SB800EX-TDTB-IR | Power 2-pin terminal plug DB9 supports RS-232/422/485 5-Pin terminal supports RS-232/422/485 BlueTooth Low Energy | |