

SBC BL4S100

Single-Board Computer

The BL4S100 delivers an integrated hardware and software platform to easily implement a ZigBee enabled Ethernet gateway ideal for monitoring and control.



Overview

Rabbit's new BL4S100 single-board computers offer a cost-competitive solution for control and communication that dramatically reduces your time to market.

The series is designed to support the rapidly-increasing use of ZigBee connectivity for companies looking to deploy wireless networking. Digi International's ZigBee RF modules are compatible with ZigBee PRO compliant devices from other manufacturers, providing great flexibility in choices of nodes to include in the network. Build feature-rich web pages that allow control and monitoring of ZigBee enabled networks by using ZigBee AT and API command libraries. With two available RS-232 ports, eight analog inputs and 20 Digital I/O lines, the BL4S100 is well suited to handle a wide range of applications requiring ZigBee connectivity.

Rabbit also offers a plastic enclosure and mesh networking add-on kit to support further design requirements.

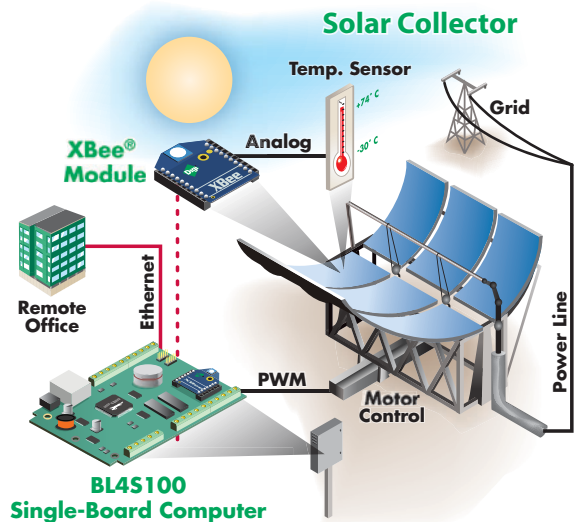
Starter Package

The affordable BL4S100 series starter package includes all the tools you need to develop and debug a design.

FROM
\$228



Application Highlight



Potential Applications: Building automation, asset tracking and management, air quality monitoring, energy metering and management

Features and Benefits

- Rabbit 4000 running at 40 MHz
- On-board Rabbit RIO® device for exceptional I/O functionality and flexibility
- Web Server functionality
- Easy implementation of mesh networking with known good hardware
- Dynamic C® software environment to reduce development time

