

RABBIT Single Board Computers and Software



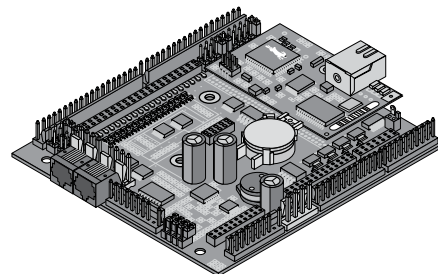
BL2600 WOLF - MODELS BL2600, BL2610

The BL2600 Wolf single-board computer provides embedded systems engineers a complete and expandable performance package. Two standard models—one with 10/100 Ethernet and one without 10/100 Ethernet - feature the Rabbit 3000® microprocessor at 44.2 and 29.4 MHz respectively, with at least 512K Flash and 512K SRAM (standard).

Programming the BL2600

Programs are developed and debugged using industry-proven Dynamic C® software, which runs on a Windows PC. The programming device is connected via a serial cable, a USB cable, or Ethernet. Comprehensive debugging support includes break points, watch expressions and many other extensive features oriented toward real-time embedded systems programming. An extensive library of drivers and sample programs is provided, including a royalty-free TCP/IP stack for network and Internet communications. Full source code is provided for most library routines.

MOUSER STOCK NO.			Description	Price Each
Mfr.	Mfr. Part No.			
BL2600 Wolf Board				
812—20-101-0889			BL2600 Board w/ 10/100Base-T Ethernet - RoHS	289.00
812—20-101-0891			BL2610 Board w/o 10/100Base-T Ethernet - RoHS	269.00
Product Accessories				
812—20-101-0879			RN1600 RabbitNet Keypad/Dsply Interface Card-RoHS	69.00
812—20-101-0688			RN1300 RabbitNet D/A Expansion Card	89.00
812—20-101-0616			RN1200 RabbitNet Digital I/O Expansion Card	89.00
812—20-101-0612			RN1100 RabbitNet Digital I/O Expansion Card	89.00
694—20-101-0468			SF1000 4MB Serial Flash Expansion - RoHS	79.00
694—20-101-0467			SF1000 8MB Serial Flash Expansion	89.00
694—20-101-0580			RabbitLink Card for Remote Debug via Ethernet/Internet - RoHS	129.00
694—20-151-0178			RS-232-to-USB Converter Cable for USB only PCs	39.00
694—20-101-0542			1.27mm Connector for 10/100Base-T Option	25.00
812—20-101-0581			Connectivity Kit	18.00



SR9000 SMART START SYSTEM

The Smart Start is a modular and expandable embedded control system designed for demanding real-time control and data acquisition applications. Multiple I/O card options-including digital, A/D, D/A, and relays-allow users to closely match their specific I/O needs. The Smart Star CPU card comes in both Ethernet and non-Ethernet versions, and a cost-effective keypad/display is also available.

Ethernet connectivity - CPU card with or without Ethernet

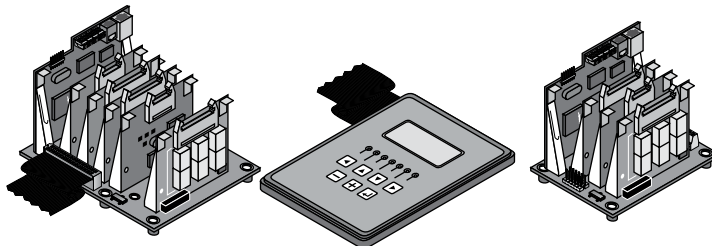
Flexible functionality - modular configuration to easily interchange or replace individual I/O cards

Multiple I/O card options - digital I/O, A/D, D/A, relay

Expandable - up to 168 I/O

Cost-effective - low cost per I/O

Optional keyboard/display - backlit 122 x 32 pixel graphic LCD with 7 user-relegandable keys, 7 LEDs



Smart Start Backplane

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
812—20-101-0512		SR9010 7-slot - RoHS	99.00
812—20-101-0487		SR9050 3-slot	79.00

Keyboard/Display Options

694—20-101-0601	Keypad/Display Unit, 3.3 Volt, No Case - RoHS	79.00
694—20-101-0465	Keypad/Display Unit, 5 Volt, No Case	79.00

Product Options and Accessories

812—101-0504	Cable and Mounting Hardware	20.00
812—540-0069	Keypad/Display Unit Cable 5"	19.95
812—151-0127	Connector Adapter Board	40.00

Smart Start CPU Card

812—20-101-0486	SR9150 Ethernet - RoHS	159.00
812—20-101-0738	SR9150 Ethernet, 512K SRAM - RoHS	219.00
812—20-101-0506	SR9160	119.00

Programming/Development Tools

694—20-101-0580	RabbitLink Card	129.00
694—20-151-0178	RS-232-to-USB Converter Cable	39.00

Smart Start Digital I/O Cards

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
812—20-101-0389		16 inputs and 8 outputs, sinking	49.00
812—20-101-0437		16 inputs and 8 outputs, sourcing - RoHS	69.00
812—20-101-0390		8 inputs and 16 outputs, sinking - RoHS	49.00

Smart Start A/D Cards

812—20-101-0392	Eleven 12-bit analog inputs (0-10V)	79.00
812—20-101-0444	Eleven 12-bit analog inputs (4-20mA) - RoHS	79.00

Smart Start D/A Cards

812—20-101-0393	Eight 12-bit analog outputs (0-10V)	129.00
812—20-101-0445	Eight 12-bit analog outputs (4-20mA) - RoHS	129.00

Smart Start Relay Cards

812—20-101-0395	6 relays: 1SPDT, 5 SPST, including snubbers	79.00
812—20-101-0440	8 SPDT relays, no on-board snubbers - RoHS	79.00

Smart Start Field Wiring Terminals

812—20-101-0515	Screw-type (A/D, D/A) - RoHS	19.00
812—20-101-0421	Pluggable (A/D, D/A)	44.00
812—20-101-0512	Screw-type (I/O, Relay 8)	99.00
812—20-101-0420	Pluggable (I/O, Relay 8)	49.00

BL2500 COYOTE

Gives OEM designers extremely low-cost embedded control for high-volume applications such as product control, factory equipment control, access control, HVAC, and vending machines. Two standard models—one with Ethernet, one without—feature the Rabbit 3000™ microprocessor at 29.4 MHz, with 256K Flash and 128K SRAM.

Complete Kits For New Users

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
812—101-0577		Jump start your evaluation and design efforts with a complete development kit, which includes BL2500 Coyote, demonstration board, Dynamic C development system and complete documentation CD-ROM, serial cable for programming and debugging.	285.00

Product Only

* RoHS Compliant † Requires 1.27mm programming cable

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
* 812—20-101-0575		BL2500 10Base-T Ethernet	189.00
* 812—20-101-0599		BL2500 with 512K/512K	209.00
* 812—20-101-0602		BL2500 with 10/100, 512K/512K, 44.2clk †	239.00
* 812—20-101-0576		BL2510 No Ethernet	149.00

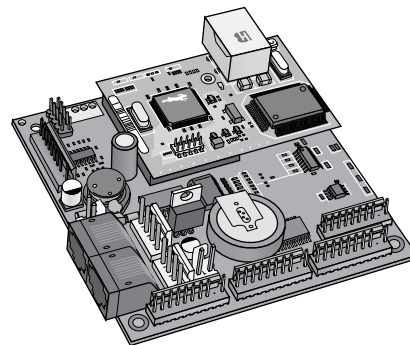
Expansion Boards

* RoHS Compliant

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
* 812—20-101-0616		RabbitNet A/D Expansion Card	89.00
* 812—20-101-0612		RabbitNet Digital I/O Expansion Card	89.00
* 694—20-101-0467		8 Meg Serial Flash	89.00
* 812—20-101-0879		RN1600 RabbitNet Keypad/Display Interface Card	69.00



* RoHS Compliant



Programming/Development Tools

* RoHS Compliant

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
* 694—20-101-0580		RabbitLink Card	129.00
* 694—20-151-0178		RS-232-to-USB Converter Cable	39.00
538—63811-1000		Crimp Tool	49.00
* 694—20-101-0542		1.27 mm Programming Cable	25.00
* 812—20-101-0581		Connectivity Kit	18.00
812—101-0887		RN1600 RabbitNet Expansion Kit	149.00