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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# SB72 Development Kit NNDK-SB72-KIT

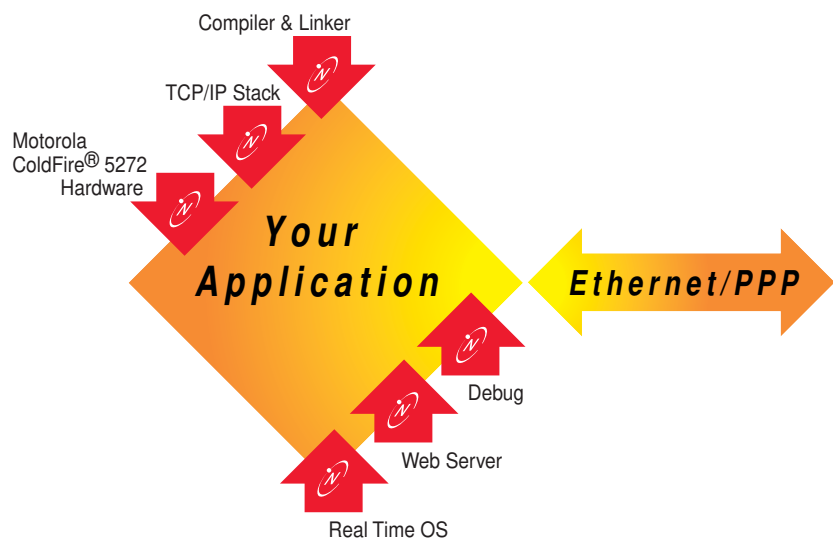


## Features

- Complete set of development tools to write applications for the SB72
- Includes TCP/IP Stack, Web Server, uC/OS, GNU C/C++, GDB graphical Debugger, SB72 board, SB72 Adapter board, and configuration utilities
- Create custom web pages
- Modify existing serial protocols or create new protocols
- Use the SB72 as a powerful single board computing platform
- 32-bit Motorola ColdFire processor with integrated 10/100 Ethernet MAC
- SB72 contains 8MBytes SDRAM
- Required for SB72 QSPI
- Price: \$399 USD

## Customize the SB72 to Suit Any Application

The SB72 development kit enables you to quickly and easily create custom applications. NetBurner has a solid reputation for development platforms to facilitate rapid product development, and the SB72 is no exception. The SB72 development kit includes the hardware platform, TCP/IP Stack, uC/OS Real-time operating system, Web Server, GNU C/C++ compiler and linker, GDB graphical debugger, end-user device configuration and flash update utilities, and much more.



## Key Benefits

- NetBurner hardware and software is fully tested and ready for your application
- No Porting! The integration effort has already been done and all components work together perfectly.
- You can be up and running immediately



### Kit Contents

- SB72 board assembly
- SB72 adapter board assembly to assist in development. It is not required to operate the SB72. The adapter board includes a switching power supply, RS-232 level shifters and two DB-9 connectors.
- CD-ROM containing source code, development tools, manuals and documentation.
- Cross-wired and straight-through twisted pair network cables
- Serial cable
- 12 VDC power supply (US and Canada only)

### Processor

- 32-bit Motorola ColdFire 5272 with integrated 10/100 Ethernet MAC

### Network Interface

- 10/100BaseT with RJ-45 connector

### Network Protocols

- ARP
- BOOTP
- DHCP
- TCP
- UDP
- ICMP
- HTTP
- FTP
- POP3
- IGMP V2
- PPP
- SMTP
- DNS
- SNMP

### Network Services

- Email
- Web Server
- Telnet
- Multicast
- Ping

### SNMP

SNMP is an optional software module and includes:

- SNMP V1, MIBII
- MIB Compiler generator

### Utilities

- Single build command to compile, link, process HTML code, network download to flash, program flash, and reboot target board in just seconds.
- Automatic compile and processing of dynamic HTML and Java
- Network device configuration
- Flash memory updates

### uC/OS Real-Time OS

- Preemptive, priority scheduling
- Semaphores
- Mail Boxes
- Message Queues
- FIFO's
- Timers
- Stack Checking
- Task debugging tools

### Web Server

- Supports Dynamic HTML
- Supports Forms, Cookies and Passwords
- A project directory of HTML documents, gifs, and JAVA classes is compressed into a file that is embedded in the run-time application

### Email

- Send and receive email through an Ethernet or PPP connection

### Runtime Environment

- Complete I/O system supports TCP, Telnet, and both Serial ports. I/O includes read, write, select, fprintf and fscanf functionality
- User Parameter Flash storage routines
- Applications are stored compressed in on-board Flash, and decompressed into RAM at start up. This provides the same environment for RAM based debugging and the end application. Reduces the risk of releasing your product. It runs like it was built
- Embedded Monitor supports serial and network code updates
- Programmable default exception handling

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