![NetBurner logo] **N e t B u r n e r**
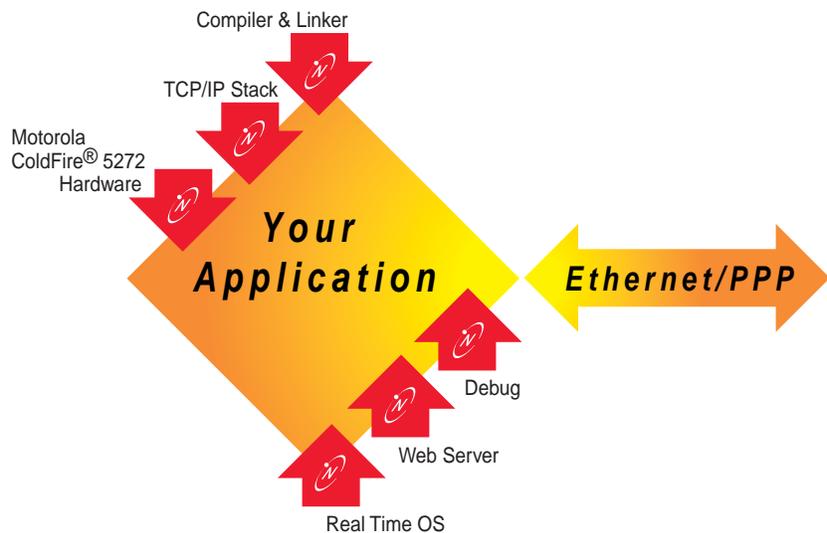Networking in 1 Day!

SB72
Development Kit
NNDK-SB72-KIT

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

Contact Information

NetBurner, Inc.
5405 Morehouse Drive, Ste 350
San Diego, CA 92121
858.558.0293 phone
858-558-8549 fax
sales@netburner.com
http://www.netburner.com

NetBurner
Networking in 1 Day!