

# NexGenWEB®

## Highly Optimized HTTP Server

- Fully Written in ANSI C
- 6 - 12 KB scalable
- Reentrant and romable
- Fast and reliable
- Polling or RTOS mode
- Virtual File System
- HTML Compiler
- CGI - SSI - Push features
- Fully tested
- HTTP 1.0 & 1.1 compliant
- Support any TCP/IP stack
- No royalties
- Source code or Library

### Product Information

NexGenWEB allows embedded devices to be monitored and configured from any World Wide Web Browser. It is highly optimized to solve the lack of memory on the embedded target and can use a generic Virtual File System to store the HTML pages in Flash, Ram or Rom.

The HTML pages are compressed at the generation time on the host and decompressed on the fly from the target side. While it improves the bandwidth, it makes also a better use of the memory.

The CGI, SSI "execs" and Push facilities let you customize your HTML forms and dynamically update your browser screen. NexGenWEB supports the user authentication if required.

NexGenWEB is compatible with any TCP/IP stack since it uses the sockets interface. It has been intensively tested with our NexGenIP's TCP/IP stack either in polling or RTOS mode.

### Processors support

x86 (16/32), SH3, SH4, ARM7 (16/32), MPC8xx, 68K series. Any processors can be supported.

### OS support

Dos, OSE, Nucleus, pSOS, Neutrino, Qnx4, µC/OS Linux (pthread), RTKernel, RTC (Teci), and virtually any other RTOSes.

### Documentation

A comprehensive programming manual is supplied. An Implementation guide describing all internals is available on special agreement.

### Licensing

Source code ( ANSI C.) or Binary (Library).  
No royalties - Per project

### Technical Support

3 months free of charge  
Extended annual support available

### Other Products

*NexGenOS : OS encapsulation layer*  
*NexGenPPP : Point to Point Protocol*  
*NexGenIP : Open Embedded TCP/IP Stack*  
*NexGenMAIL : Mail utilities (pop3, Dns, Smtip)*  
*NexGenBOOT : Boot utilities (Bootp, Dhcp, Tftp)*  
*NexGenREMOTE : Remote utilities (Ftp, Telnet)*  
*NexGenNAT : Network Address Translation Protocol*  
*NexGenSNMP : Snmp V2*  
*NexGenSURFon : Embedded Browser*  
*NexGenGUI4 : Embedded GUI*

NexGen  
Software

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