

# RTEMS Standard Support

RTEMS (<http://www.rtems.com>) is an Open Source RTOS providing a powerful development and run-time environment that promotes the production of efficient real-time embedded applications.

## Features:

Scalable Architecture  
Modified GPL License  
Multiple APIs - Classic, POSIX, ITRON  
Event-driven multitasking  
Priority-based, preemptive scheduling  
Responsive Interrupt Management  
Optional Rate Monotonic Scheduling  
Priority Inheritance and Ceiling Protocols  
Intertask communication and synchronization  
Homogeneous and heterogeneous multiprocessor systems  
Reentrant ANSI C Library  
Add-on libraries including Python and Tcl  
High performance BSD TCP/IP Stack  
Protocols: TCP, UDP, BOOTP, ARP, ICMP  
Servers: FTPD, HTTPD, TELNETD  
Clients: DHCP, NTP, DNS, TFTP

## Processors Supported:

M680x0 ix86 Coldfire ARM  
M683xx Pentium MIPS Blackfin  
PowerPC SuperH SPARC H8  
NIOS2

## Available Services:

Training  
Standard Support  
Legacy Support  
RTEMS Application Assistance  
Board Support Package Development  
Application Design and Development  
Ports to New Architectures  
System Architecture Design

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RTEMS is a truly free real-time operating system which has been available for nearly twenty years. In that time, it has been downloaded literally thousands of times and developed a vibrant user community. But that does not guarantee that your question will get answered or that the bug impacting your development schedule will get fixed.

OAR Corporation offers RTEMS Standard Support so the success of your project is not dependent on the kindness of strangers when problems arise. RTEMS Standard Support includes the following:

- Direct Contact with RTEMS Engineers
- Timely Response to Questions
  - normally less than 24 hours
  - always within 2 business days
- Rapid Problem Response
  - solutions as quickly as technically possible
- RTEMS Development Environment Assistance
- Bug Reporting and Patches
- Access to RTEMS Source Code Repository
- Downloadable RTEMS Documentation
- Covers Development Trunk and Publicly Open Release Branches

The cost of RTEMS Standard support has not changed in over ten years. At USD1500 per engineer per year with a minimum of three (USD4500), this represents a bargain when you consider how valuable your engineering staff's time is.

For information on how to obtain RTEMS Standard Support as well as the support contact form visit:

[http://www.rtems.com/oarsupport/standard\\_support.html](http://www.rtems.com/oarsupport/standard_support.html)