CrossWorks

We provide a [30-day evaluation period](#) for you to try **CrossWorks for MSP430** before you buy.

Purchase CrossWorks

$2,250 + shipping — [Shared Developer License](#)
$1,500 — [Named Developer License](#)
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FAE and Partner Kits

If you are an FAE or wish to support CrossWorks in your product, [please contact us!](#) We'll send you a complimentary **CrossWorks Kit**!

Quick Links

Downloads

[Version 3.1.2 for Windows](#)
[Version 3.1.2 for macOS](#)
[Version 3.1.2 for Linux (x86/x64)](#)

Documentation

[Version 3.1.2 PDF Reference Manual](#)
[Version 3.1.2 HTML Reference Manual](#)
[Version 3.1.2 Release Notes](#)
[MSP430 Support Packages](#)
[License Information](#)
[Frequently Asked Questions](#)

Web Links

Rice University have a [Connexions](#) course that's based on CrossWorks

The **Responsive Environments Group** at MIT Media Lab are using CrossWorks for the UbER-Badge.
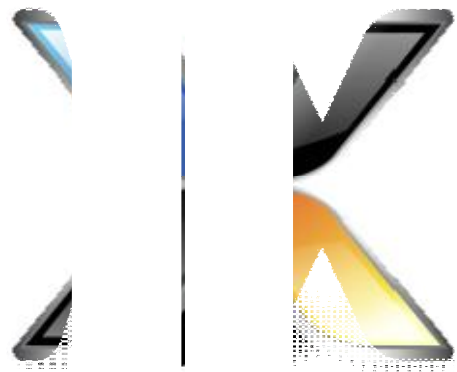
uIP Ported to MSP430. You'll find a high-quality, free TCP/IP library, web server, web client, ftp server, telnet server and client for the MSP430 here.

There is also an **embOS** port to CrossWorks for MSP430. For more information please click here.

CrossWorks for MSP430

CrossWorks for MSP430 is the complete development solution for all your MSP430 projects—from initial design through to final production, **CrossWorks** has it covered. Based on the successful work we have provided to OEM customers, our offering continues to move from strength to strength.

CrossWorks for MSP430 sets the standard for Texas Instruments MSP430 development tools. The toolset provides a complete and cost-effective solution for programming the MSP430 family of low-power microcontrollers. **CrossWorks** supports all variants of the MSP430 family, from the smallest to the largest. We bundle an ANSI C compiler, macro assembler, linker/locator, libraries, core simulator, flash downloader, JTAG debugger, and our class-leading integrated development environment, **CrossStudio**.

Our C compiler is the benchmark for code quality and performance for the MSP430 microcontroller. Compliant to ANSI and ISO standards, professional and robust, it's the perfect choice for any MSP430 project. Coupled with our **CrossStudio** development environment, it makes an unbeatable development tool!

Processor Support

CrossWorks for MSP430 V2 supports both the standard 16-bit MSP430 core and the new MSP430X core *seamlessly*. That is, your code is automatically placed around the fixed vector section in the first 64K, there's no need to worry about it!

The following devices are supported:

MSP430x1xx Series
MSP430x2xx Series
MSP430x4xx Series
MSP430x5xx Series
MSP430x6xx Series
CC430Fxxxx Series

MSP430G2x/i2x Series
FRAM Series
MSP430x1xx Series
MSP430x2xx Series
MSP430x4xx Series
MSP430x5xx Series
MSP430x6xx Series
CC430Fxxxx Series
MSP430G2xx Series
FRAM Series

System Requirements

Operating Systems

- Windows 10 (x86 and x64), Windows 8 (x86 and x64), Windows 7 (x86 and x64), Vista (x86 and x64), XP and 2000
- macOS 10.12 Sierra, 10.11 El Capitan, 10.10 Yosemite, 10.9 Mavericks, 10.8 Mountain Lion, 10.7 Lion, 10.6 Snow Leopard, 10.5 Leopard (Intel) and 10.4 Tiger (Intel)
- Linux (x86/x64) kernel 2.6 and above - CrossWorks should run on any Linux distribution that matches this criteria however we test primarily with Ubuntu distributions, this variant has been tested on all releases of Ubuntu from 6.06 LTS to 16.04 LTS
- Linux (armv7l) kernel 3.4 and above - This variant has been tested on all releases of Ubuntu from 12.04 LTS to 16.04 LTS

Computer

- 1GHz CPU or better
- 1GB RAM
- 1GB disk space free

Support

We are happy to answer any pre-sales and technical questions you have. Please submit your questions using the [CrossWorks Helpdesk](#) system.