

MPLAB® XC Compilers

Summary

Microchip's line of award-winning MPLAB XC Compilers provides a comprehensive solution for your project's software development and is offered in free, unrestricted-use downloads. Finding the right compiler to support your device is simple:

- MPLAB XC8 supports all 8-bit PIC® MCUs
- MPLAB XC16 supports all 16-bit PIC MCUs and dsPIC® DSCs
- MPLAB XC32/32++ supports all 32-bit PIC MCUs



Features

When combined with Microchip's award-winning, free integrated development environment, MPLAB X IDE, the full graphical front end provides:

- Editing errors and breakpoints that match corresponding lines in the source code
- Single stepping through C and C++ source code to inspect variables and structures at critical points
- Data structures with defined data types, including floating point, display in watch windows

MPLAB XC Compiler Licenses

Need to optimize your code size reduction or get better speed from your project's software? PRO licenses are available to unlock the full potential of the MPLAB XC Compiler's advanced-level optimizations, maximum code size reductions and best performance. The MPLAB XC Compiler contains a free, 60-day trial of a PRO license for evaluation when activated.

MPLAB XC Compiler licenses come in a wide variety of licensing options and most come with one year of High Priority Access (HPA). HPA must be renewed at the end of twelve months. HPA includes:

- Unlimited advanced optimizations on new compiler versions
- New architecture support
- Bug fixes
- Priority technical support
- Free shipping on all development tool orders from www.microchipDIRECT.com

MPLAB XC Compiler Licenses

License Type	Installs On	# of Activations	# of Users	Wait Time Between Users	HPA Included
Workstation License	Workstation	3	1	None	Yes
Subscription License	Workstation	1	1	None	No
Site License	Network	1	Varies by Seat	None	Yes
Network Server License	Network	1	Unlimited	One Hour	Yes
Virtual Machine*	Network	1	–	–	No
Dongle License	Dongle	–	Unlimited	None	No

*This license must be used in addition to a network server or site license to enable the license to work in a virtual machine environment.