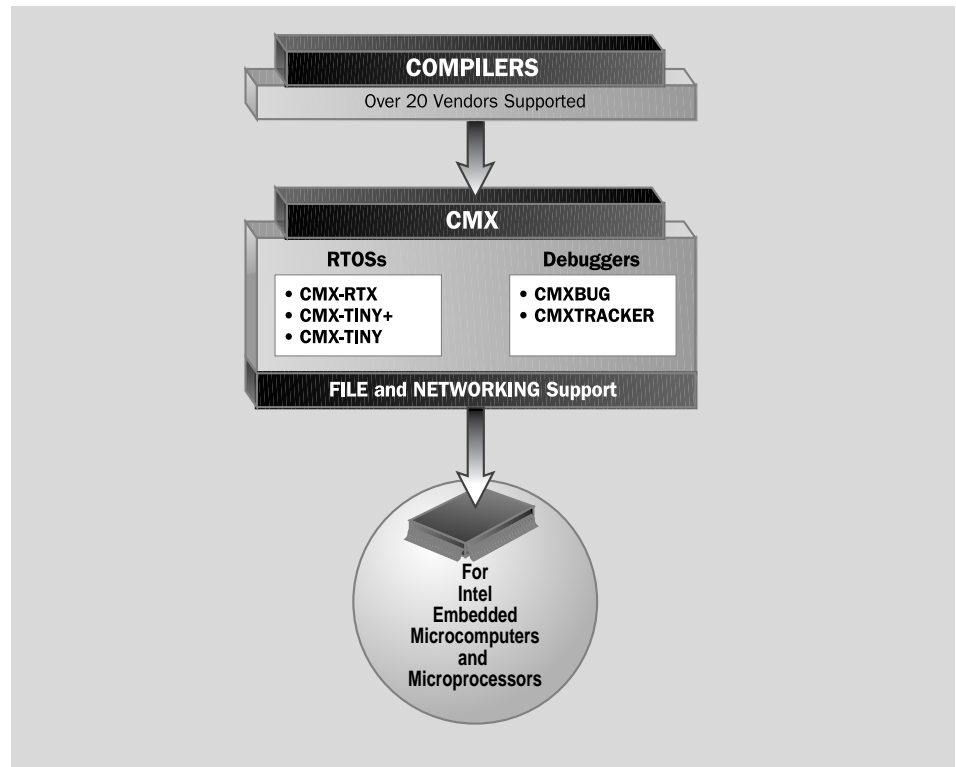# CMX-RTX*

- Supports Intel 8051, 80151, 80251 and 80196 Microcontrollers
- No Royalties on Embedded Code
- All Source Code Supplied
- Extremely Fast Context Switch Times
- Low Interrupt Latency Times
- Over 65 Functions Within the API
- Automatic Low Power Down Capability
- Interrupts Can Call RTOS Functions
- Full Pre-Emptive RTOS
- User Scalable and Configurable

The CMX-RTX* Real-Time Multi-Tasking Operating System is a "full featured" kernel. The RTOS is specifically tuned to take advantage of the Intel MCS® architecture. Over 65 functions are available to the user. CMX allows nested interrupts, with the ability of interrupts to use many of the CMX functions. True pre-emptive scheduling is provided. Both the ROM and RAM sizes needed by the CMX-RTX RTOS are very small.

The CMXBug* debugger, which is included for free with CMX-RTX, provides the user the ability to view and modify different aspects of the CMX multi-tasking operating system environment, while the user's application code is running on the particular Intel microcontroller being used.

CMXTracker* add on module for CMX-RTX allows the user the ability to log chronologically in real-time, the tasks' execution flow, capturing when a task is executing, the CMX functions called and their parameters, interrupts using CMX functions and the CMX system TICK within the CMX-RTX environment, while the user's application code is running on the particular Intel microcontroller being used.

MICROCONTROLLERS SUPPORTED:

8xC196Kx, 8xC196Mx, 8xC196Nx, 8xC3x, 8xC5x, 80C51FA/RA/GB/BH/ SLAH/SLAL, 87C51FA/RA/RB/RC/GB/ SLAH/SLAL, 83L51Fx, 87L51Fx, 83C51Rx/GB/KB/Fx/SLAH/SLAL, 8xC152Jx, 8xC151Sx, 81C51SLAH/ SLAL, 8xC251Sx, 82930A

DEVELOPMENT PLATFORMS:

PC, SUN PC/Windows, HP Workstation, RS6000

AVAILABILITY:

Now

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CMX
COMPANY