# smx

- Task Management
- Memory Management
- Timing & Timers
- Input & Output
- Intertask Communication
- Event Management
- Initialization & Error Monitoring
- Real Mode and Protected Mode Support
- No Royalties
- Source Code Available

smx is a real-time multitasking kernel for use in embedded systems specifically designed for demanding real-time applications. It offers a full suite of kernel services, yet emphasizes simplicity and ease of use. smx focuses on the Intel Architecture and has many features to facilitate 80x86 development. These increase speed and efficiency of memory usage.

smx also offers full support for the most popular C/C++ compilers and assemblers, and it is one of only a few kernels to provide a C++ library. smx is ROM'able for standalone environments. It also runs equally well with DOS, and it provides PC support.

smx has been in use for six years and has been used in hundreds of applications. During this time, it has undergone numerous bug fixes and has steadily evolved into a better kernel. Today, smx is reliable, robust, and highly capable. It is ready for demanding, trouble-free use.

smx also features extensive error checking. Over 70 error types are monitored, logged, and displayed by the error manager. This valuable diagnostic tool has been highly praised by many smx users. smx is delivered in pre-compiled library form with source-code startup platforms. smx source code is available separately.

**HOST SYSTEMS SUPPORTED**:
All DOS and MS Windows systems

**PROCESSORS SUPPORTED**:
80186, 80188, Intel386™ CX/EX/SX/SXSA/DX, Intel486™ SX, IntelDX2™ , IntelDX4™ and Pentium® processors

**AVAILABILITY**:
Now

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