

Turbo Treck AMX

product information

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Turbo Treck AMX™ Multitasking Kernel (developed by KADAK Products Ltd), provides a simple solution to the complexities introduced by real-time multitasking in which several activities must operate simultaneously, each with time-critical precision.. Turbo Treck AMX™ supervises the orderly execution of a set of application program modules called “tasks.” Each task solves a particular problem and provides a specific functional capability within the system. Turbo Treck AMX™ is designed to operate solely with Turbo Treck TCP/IP to provide a complete solution for your Embedded Internet needs.

Features of Turbo Treck AMX™:

- Seamless integration to Turbo Treck TCP/IP.
 - Optimized execution speed.
 - Compact and ROMable.
 - Preemptive, priority based scheduler.
 - Timing support for delays, timeouts, periodic events, time/date operations.
 - Time slice option with adjustable slices.
 - Dynamic task creation.
 - Dynamic task priorities.
 - Task scheduler hooks present if needed.
 - Error detection and trapping.
 - Semaphore signaling.
 - Resource allocation.
 - Event synchronization.
 - Mailboxes for simple message passing.
- Exchanges for prioritized messages.
 - Fast, fixed size memory buffer allocation.
 - Dynamic memory allocation.
 - Linked lists and circular lists.
 - Available for x86 (Real and Protected modes), 68xxx, PowerPC, and ARM processors.
 - Includes Configuration Builder (a Windows® application), to edit the system definition.
 - No royalties.
 - Delivered as fully commented source code.

For more information, please visit www.elmic.com or email sales@elmic.com.



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