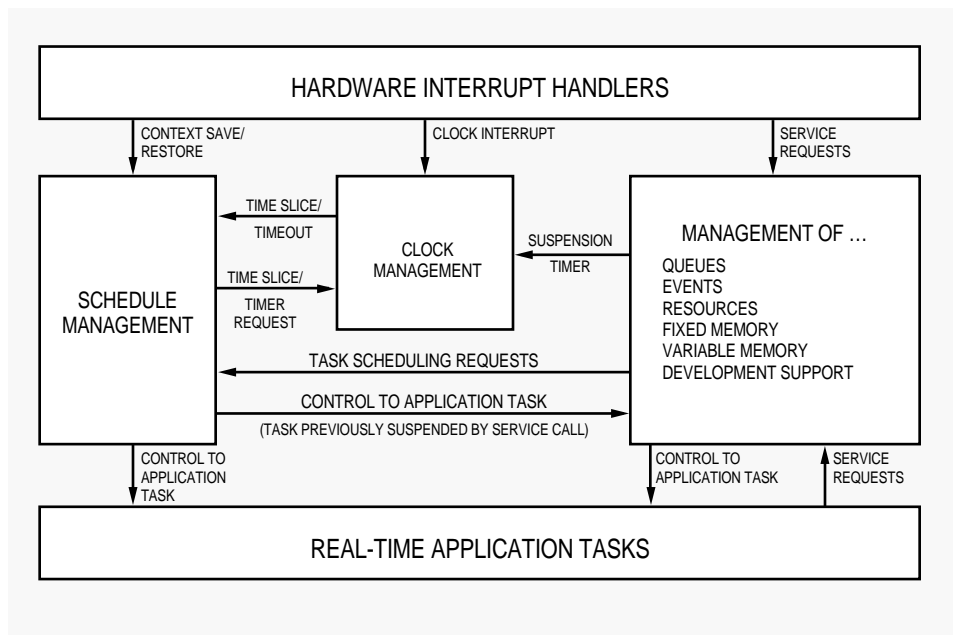# Nucleus RTX Real-Time Multitasking Executive

- Documented Source Code Provided
- No Royalties
- ROMable
- Prioritized Scheduling of User Defined Tasks
- Optional Task Suspension on Full Queues
- Predictable Fixed-Length Memory Management
- Flexible Variable-Length Memory Management
- Optional Timeout Available For Any Task Suspension
- System History Log
- Task Performance Analysis Facilities

Nucleus RTX for the Intel 80x86 family of microprocessors is a multitasking executive specifically designed for real-time embedded applications. Nucleus provides applications with advanced, real-time facilities that encompass management of task execution, task communication and synchronization, system resources, predefined memory partitions, and dynamic-length memory.

Nucleus facilities are designed to operate in a consistent, reliable, and efficient manner. Each task executing under Nucleus has a priority. Tasks of equal priority execute in a First In First Out (FIFO) manner.

Nucleus is primarily written in C and is optimized for performance on the Intel architecture. As well as being delivered with complete source code and without royalties, Nucleus is provided with six months free technical support. This includes: phone, fax, BBS, e-mail and new releases. For more information, contact Accelerated Technology today.

HOST SYSTEMS SUPPORTED:
No Restrictions

PROCESSORS SUPPORTED:
80186, 80C186, 80C186XL/EA/EB/EC, 80L186EA/EB/EC, 80188, 80C188, 80C188XL/EA/EB/EC, 80L188EA/EB/EC, Intel386™ CX/EX/SX/SXSA/DX, and Intel486™ SX, IntelDX2™ , IntelDX4™ Processors

AVAILABILITY:
Now

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