ActivAda EX

- Development Environment Specifically For 386EX Targets
- Optimized Validated Ada Compiler
- Full Support Package For All Intel386™ EX Processor On-Chip Peripherals
- Board Support Package For Intel386 EX Processor Eval Board
- Intel386 EX Processor ICE Integration
- Award-Winning Windows Integrated Development Environment
- Integration With Rate Monotonic Analysis Tools
- Fast and Small Real-Time Kernel
- Extensive Cross Debugging Capability, With Fast Download Option

The ActivAda EX is a specially-packaged development environment for Intel386 EX processor targets. In addition to all the tools and capabilities of the ActivAda x 32-bit Intel development system, ActivAda EX includes specialized support for the Intel386 EX processor. This support includes an extensive package for all Intel386 EX processor on-chip peripherals, including the TCU, PTU, WDT, DMA, serial I/O, and parallel I/O devices, and exception handling capability. Further, a BSP for the Intel386 EX processor evaluation board is available, as well as ICE integration specific to the Intel386 EX processor.

The highly optimized compiler has been fielded for well over a decade, and includes runtime configurations scalable from a minimal kernel (with a footprint of about 1.5K) to a full Ada executive including multi-tasking and exception handling capabilities without arbitrary limitations. For complex applications that require reliable, predictable behavior, the real-time kernel supports rate monotonic scheduling through the priority queuing and priority inheritance protocol. When used with integrated RMA tools, these scheduling policies provide a mathematical guarantee of tasking performance under even worst-case conditions.

All of these features are available through a Windows-based integrated development environment, which provides a wealth of productivity-enhancing features through the award-winning ActivAda graphical user interface.

HOST SYSTEMS SUPPORTED:
Windows 3.1

PROCESSORS SUPPORTED:
Intel386 EX Processor

AVAILABILITY:
December ’95

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