# PK51 Professional Developer's Kit

- ANSI C Compiler For Intel's 8051 Derivatives
- Seven-Level Optimizer With Global Register Coloring
- Reentrant Function Attribute
- Generic and Memory Specific Pointers
- µVision Integrated Development Environment
- Source-Level Debugger With Target Monitor
- Peripheral Simulator For All Intel 8051 Derivatives
- Code Banking Linker Supports Up to 2 MB Programs
- Integrated Real-Time Operating System
- A51 Macro Assembler (Source Compatible With Intel ASM-51)

The Keil PK51 Professional Developer's Kit is a complete suite of DOS and Windows-based development tools for Intel's 8051 family of microcontrollers. PK51 includes the C51 ANSI C Compiler, A51 Macro Assembler, BL51 Code Banking Linker, RTX51 Tiny Real-time Kernel, µVision Integrated Development Environment, and dScope Debugger. The Professional Developer's Kit is a complete platform that you may easily expand with emulators, fuzzy-logic products, software version control, and any other Intel-compatible development tools.

The Keil C51 Compiler is an ANSI C Compiler designed explicitly for Intel's 8051 family of microcontrollers. The C51 Compiler generates extremely fast, compact code. C language extensions give you full access to all resources of an 8051 system. With over 17,000 installations worldwide, Keil C51 is the most widely used compiler for Intel's 8051 family.

The C51 compiler has been constantly improved since its market introduction in 1988. Version 5.1 improves long and floating-point arithmetic, comes with a DOS extender, and supports three Warning Levels that provide extensive syntax checking.

**MICROCONTROLLERS SUPPORTED:**

All 8051 Microcontrollers

**DEVELOPMENT PLATFORMS:**

MS-DOS / Windows 3.1, 95, NT

**AVAILABILITY:**

Now

**CONTACT:**

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