

XASS-V Series The Industry's Standard Embedded Software Tools

Integrated Development Environment (IDE) Including the Industry's Standard Embedded Software Development Tools

GAIO offers a comprehensive range of self-developed cross development tools including: IDE, C/C++ compiler, assembler, linker, debugger and MPU simulator.

GAIO's Unique Technology

GAIO's Original Technology 'General Purpose Structure' for supporting a large variety of MPUs

GAIO's cross development tools are configured with an execution kernel and an MPU plug-in module that defines instructions for each individual MPU. This original technology called 'General Purpose Structure' allows us to offer our stable and quality cross development tools for a variety of MPUs.

Can Use the Same Development Environment for Every MPU

With support for a large variety of manufacturer's MPUs, GAIO's cross development tools allow the user to use the same development environment for all supported devices, instead of having to relearn a new set of tools for each one.

Products Included in XASS-V Series

C/C++ Cross Compiler (XCC-V /XCC++)

The cross compiler can generate ROMable object code from ANSI compliant C/C++ source code. Support for a variety of functions are available including: generating the stack frame, speed/size optimization, bit-field mapping and generating floating-point instruction code.

MPU Simulator / Debugger (XDEB-V)

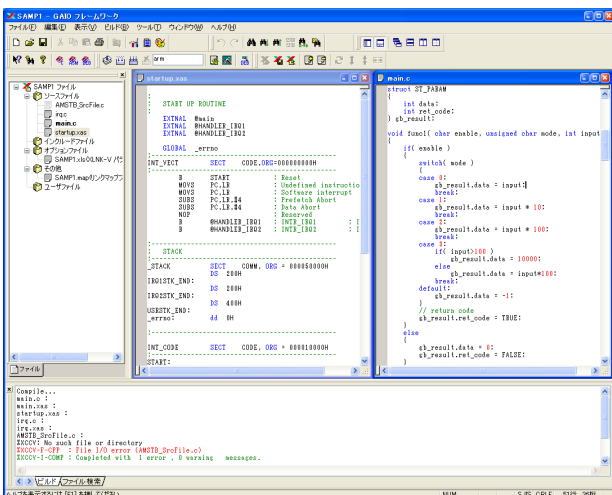
XDEB-V is an MPU instruction set simulator that executes target object code compiled by a cross compiler.

Cross Assembler (XASS-V)

The cross assembler supports standard/structured macro descriptions and includes a linker, librarian, HEX file generator and absolute address list generator. In addition it has the option of being able to specify the label addresses externally.

GAIO's Integrated Development Environment 'Framework'

GAIO's IDE 'Framework' can be used to handle embedded work operations such as software coding and target debugging. It includes a project viewer to manage the project's source and header files, as well as a source code editor with an 'error catch' feature.



Supported MPUs

Renesas	ARM	Fujitsu	Panasonic
SuperH Series	ARM7	FR	MN1933/34/35
H8S	ARM9	Hi-Perion	Freescale
H8SX	Ricoh	Sony	68000(16bit)
M32R	Ri	SPC900/970	68000(32bit)
M32C	NEC	SPC700	MPC
M16C	V850	Toshiba	
R8C-Tiny	78K/0	TLCS870C	
D10V		TLCS900(L/H)	
R32C/100			

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