



InsydeDIY for Embedded Intel Architecture Processors

InsydeDIY is a firmware solution specifically targeted at the embedded and communications market segments using Intel® Architecture processors. InsydeDIY is aimed specifically at embedded systems makers that are using Embedded Intel® Architecture processors who do not need a complete BIOS implementation, and want to develop a platform-specific set of initialization and boot code themselves.

The InsydeDIY solution is a lightweight and easy-to-implement set of firmware components that delivers unique value and benefits to embedded developers and solutions providers including:

- Reduced project development time with pre-packaged set of source and binary components.
- Compatibility with the industry's latest EFI methods of booting an Operating System.
- Improved boot speed.
- A robust environment for running and managing pre-boot applications.

For customers that license InsydeDIY and find that their firmware requirements may grow beyond the scope of the product, Insyde Software offers a seamless and cost-effective transition path to InsydeH2O. Platform requirements such as Windows® and/or multiple operating system support, advanced technologies including such as Intel® Active Management Technology, platform security, advanced power management, or Intelligent and Platform Management Interface will require InsydeH2O.

Insyde Software's firmware products are well aligned with Intel's Embedded and Communication Processor plans and as such, delivers a complete suite of InsydeDIY products that extend across the entire embedded silicon roadmap.

InsydeDIY Primary Features:

- For Intel embedded system developers with in-house firmware engineering services needing bootloader functionality for Linux.
- Intel CPU and chipset initialization source code for a specific CPU and chipset
- H2ODDT (Diagnostic and Debugging Tool) includes one copy of the software and one cable.
- TCP/IP stack and network support (SNMP, UDP, etc.)
- USB 2.0 support
- EFI support (not UEFI)



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Features Not Included in InsydeDIY (Are Included in InsydeH2O):

- Option ROM (no boot option from Ethernet or SATA)
- Video (no splash screen or video support)
- ACPI (No power management. InsydeDIY supports ACPI 1.0. InsydeH2O supports ACPI 3.0)
- Legacy Operating System Support (example, no support for Windows XP, XPe, CE)
- Setup (EFI setup is included. InsydeH2O setup is not included)

InsydeDIY Business Model:

- One time license per platform (specific CPU and chipset)
- Customer must sign license agreement
- No royalties (Royalty free license)
- License includes 20 hours of support via telephone and email
- The support hours must be used within 90 days of the license date.
Support consists of phone and email for the following activities
 1. Answer questions on build procedures, functionality or code structure
 2. Answer questions on where to insert changes to the InsydeDiY product
 3. Answer questions on getting a basic EFI Linux Image booting from InsydeDiY

Support does not include:

1. Modifications to InsydeDiY to match the Licensee's platform
2. Board bring up support for a platform



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CPU/Chipset support and upgrade model:

- The InsydeDIY product can be extended with support for additional CPUs or chipsets for new designs, prolonging your investment in InsydeDIY.
- InsydeDIY can be upgraded to InsydeH2O source code for full UEFI/EFI compatibility, supporting legacy and UEFI/EFI operating systems. When upgrading, part of the initial license cost for InsydeDIY is eligible for a credit.
- Ask your Logic Technology sales representative for the terms.



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