

Anybus CompactCom starterkits allow you to test and evaluate the functionality of Anybus CompactCom bricks and modules. They allow you to run tests on communication speed, latency and try out different network combinations before going into production.



The HMS Starterkit case includes all the additional boards, adapters and cables needed to try and evaluate Anybus CompactCom. The actual CompactCom modules and bricks are ordered separately.

HMS Starterkit

A complete kit with the hardware and software needed for both quick demonstration and in-depth evaluation in a PC environment. The software is downloaded via a link from HMS and the hardware comes in a plastic case.

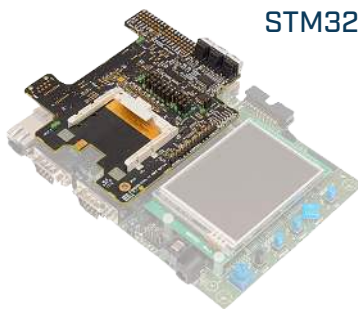
Demo software

The demo software included in the HMS Starterkit makes it possible to set up communication between the Anybus CompactCom and the fieldbus or industrial network. The tool uses the Anybus CompactCom driver for communication with Anybus CompactCom modules — providing the functionality of a fictional product.

Source code and drivers

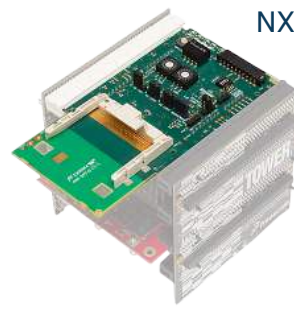
HMS supplies a free source level (C language) software driver that can be used freely to speed up the development process. The driver acts as “glue” between the Anybus module and the host application, i.e. it separates the low level host interface communication from the host application software and provides easy-to-use function calls for common Anybus -related tasks.

The driver is fully OS independent, and can even be used without an operating system if required.



STM3240G-EVAL BOARD

Test and evaluate Anybus CompactCom in an STM32 environment. HMS provides the option board — You buy the STM3240 and the Anybus CompactCom module.



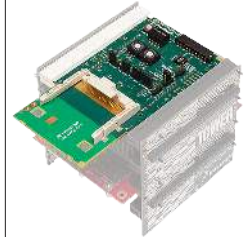
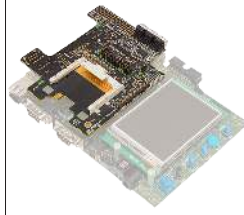
NXP TOWER TWRP1025

Test and evaluate Anybus CompactCom in an NXP environment. HMS provides the option board — You buy the NXP Tower and the Anybus CompactCom module.

Need a network master?

To evaluate Anybus CompactCom, you will need your own network master. If you do not have one, HMS can offer several master simulators.

TECHNICAL SPECIFICATIONS



Type of starterkit:	HMS Starterkit	STM3240G-EVAL BOARD	NXP TOWER TWRP1025
Order numbers	023200 (used for CompactCom Module with housing) 023210 (used for CompactCom Module without housing) 023220 (used for CompactCom Brick All versions include USB board	024850	024620
Available for	Module or Brick	Module	Module
Includes	Plastic hardcase with Anybus USB board 2, option board module, CompactCom-expansion board, 24V power adapter, USB cable	CompactCom option board only. The STM3240G-EVAL board needs to be acquired by customer.	CompactCom option board only. The NXP Tower TWRP1025 board needs to be acquired by customer.
CPU	SmartFusion, Microsemi, A2F500M3G-1FGG484I	Arm®Cortex™-M4F, ST, STM32F407IGH6	Dual-core, NXP, QorIQ P1025
Operating Modes	SPI, Parallel 8, Parallel 16, UART. Little Endian	SPI, Parallel 8, Parallel 16, UART. Little Endian	SPI, UART Big Endian
Reference project	Visual Studio	Keil µVision IAR Embedded Workbench	CodeWarrior
Documentation	Anybus CompactCom 40 starter kit installation guide, HMSI-27-224	Anybus CompactCom Option Board STM Installation Guide, HMSI-27-343	Anybus CompactCom Option Board Freescale Installation Guide, HMSI-27-350

Download the Anybus Host Application Example Code:
<http://anybus.com/products/embedded-index/anybus-compactcom-starterkit>

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